

CFEC Permit Holdings and Estimates of Gross
Earnings in the Kodiak
Commercial Salmon Fisheries, 1975-2022

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Abstract

This report examines the Kodiak commercial salmon fisheries and provides an overview of the purse seine (S01K), beach seine (S02K) and set gillnet (S04K) fisheries. Included are summary statistics for permit holdings, emergency transfers of permits, permit value, permit latency, the number of new entrants, permit holder age, estimated gross earnings, vessel characteristics, stacked permit operations in the set gillnet fishery, and Department of Natural Resources (DNR) shore fishery leases for the set gillnet fishery. This report includes information on methodology and data sources.

Prepared by Daniel Strong and Reid Johnson

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Introduction

This report provides an overview of limited entry permit holdings and estimated gross earnings in the Kodiak commercial salmon fisheries. Commercial fishing has a long history in Kodiak and has been documented as far back as 1882.¹ Historically, several gear types have been employed to commercially catch salmon in Kodiak, but today the three commercial salmon fisheries prosecuted in Kodiak are: purse seine (S01K); beach seine (S02K); and set gillnet (S04K) fisheries.

In 1972, Alaskan voters amended the state constitution to allow limited entry in the state’s commercial fisheries. Following the amendment, in 1973 the Alaska State Legislature enacted the Limited Entry Act (AS 16.43), giving the Commercial Fisheries Entry Commission (CFEC) the authority to administer the program. Permit fisheries are defined by CFEC as a specific gear type for a fishery resource within a defined administrative area.

The Kodiak commercial salmon fisheries were part of an original group of 19 Alaska salmon fisheries that were limited after the Alaska legislature passed the Limited Entry Act. Under the authority of AS 16.43.230, CFEC identified the Kodiak purse seine fishery as a “distressed fisheries” in the State’s limited entry regulations². Salmon limited entry permits in all three Kodiak fisheries were first issued in 1975.

Information regarding season length, openings and closings, size, and other such data can be found in the Alaska Department of Fish and Game’s (ADF&G) Area Management Reports. This report focuses on the economics of these commercial fisheries.

The ADF&G fish ticket is the form provided to document commercial harvest from a public resource. ADF&G fish tickets identify, among other things, the species harvested. Salmon species on fish tickets are well documented for each of these fisheries. Variations do exist in the financial composition for each of the five major salmon species commercially exploited in Kodiak from year to year and across each fishery. For each of the three gear groups, commercial harvest of species other than salmon were documented at rates less than 0.1% so they are not displayed in Table 1.

Table 1. Percent of Total Ex-vessel Value of Kodiak Salmon Fisheries by Species, 1975-2022

Species	Kodiak Purse Seine	Kodiak Beach Seine	Kodiak Set Gillnet	Total Kodiak Salmon
Chinook salmon	0.4%	0.2%	0.2%	0.3%
sockeye salmon	39.1%	11.4%	71.7%	45.6%
coho salmon	4.0%	12.4%	2.6%	3.8%
pink salmon	47.0%	66.5%	21.0%	41.8%
chum salmon	9.6%	9.5%	4.5%	8.5%

¹ See Alaska’s Commercial Salmon Catches, 1878-1997. RIR No. 5J99-05.

² See 20 AAC 05.300.

Description of the Report Data Files

Five data files were used to generate the statistics in this report: the CFEC gross earnings file, the CFEC permit file, the CFEC vessel file, the Alaska Department of Natural Resources (DNR) shore fishery lease file, and the CFEC Census file. In addition to these files, a shape file from the DNR was combined with geographic information systems to create a map depicting set gillnet sites that have active DNR shore fishery leases. The most recent updated data is included in this report. The following is a brief description of each file. Please contact CFEC for more details about these files.

CFEC Gross Earnings File

The CFEC gross earnings file is based on ADF&G fish tickets and is augmented with CFEC permit holder and other data. The ex-vessel value for salmon in the CFEC gross earnings file largely comes from the Commercial Operators Annual Report and ADF&G fish tickets with some additional information provided by processors. Nominal earnings refer to unadjusted gross earnings values while real earnings have been CPI-adjusted using the latest Bureau of Labor Statistics consumer price index adjustment factors. ADF&G salmon districts were mapped out from statistical areas using information provided by ADF&G. Please refer to Appendix C for a list of all salmon statistical areas used in this report to map out fishing districts.

CFEC Permit File

The CFEC permit file contains data on persons who hold or have held CFEC permits. It originates from CFEC permit renewal and permit transfer forms. The permit file contains a data field indicating the declared residency of permit holders as well as their addresses.

In this report, resident status is categorized into three resident types:

- *Local* – permits held by people residing locally to the ADF&G management area.
- *Nonlocal* – permits held by persons who reside in Alaska outside of the ADF&G management area.
- *Nonresidents* – permits held by persons who are not residents of Alaska.

CFEC Vessel File

CFEC maintains a computer file of vessel registration data back to 1978. Commercial fishermen fill out a form and voluntarily provide data regarding the vessel they intend to use that fishing season.

DNR Shore Fishery Lease Data File

The DNR Land Administration System contains records used to maintain the DNR Shore Fishery Lease program. These records were merged with the CFEC permit file to create a dataset in 2023. The steps outlining the creation of the dataset is described in CFEC Report Number 23-5N, *CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2022*.

CFEC Census File

CFEC maintains a file of Alaska permit holders residences. Each community is annotated with information on its local or nonlocal status by permit fishery. Table 2 shows the places that are currently designated as local to each of the management areas in this report according to the 2020 CFEC Census File.

Table 2. Communities Local to the Kodiak Salmon Fisheries, as Indicated in the CFEC Census File

Afognak	Karluk	Pleasant Harbor	Uganik Bay
Akhiok	Kodiak	Port Bailey	Uyak
Aleneva	Kodiak Station	Port Hobron	Uyak Bay
Alitak	Larsen Bay	Port Lions	West Point
Amook Pass	Moser Bay	Port Obrien	Womens Bay
Chiniak	Old Harbor	Port Williams	Woody Island
Kanatak	Ouzinkie	Terror Bay	Zachar Bay

Data Display

Percentages are rounded to the nearest tenth of a percent where displayed. Dollars are rounded to whole dollars. As such, rounded aggregates may appear to not total due to rounding. Some counts may vary from previous research projects due to data updates. For more precise figures, please contact the CFEC research unit.

Kodiak Salmon Purse Seine Fishery

S01K Permit Holdings

Table 3 indicates the initial distribution and historical net changes in permit holdings for the Kodiak salmon purse seine fishery (S01K) fishery. License limitation permits were first distributed in 1975, when CFEC issued 384 S01K permits. Table 3 indicates the initial distribution and historical net changes in permit holdings for the fishery. CFEC has issued 384 S01K permits. Of this total, Alaska Locals received 63.0% (242/384) of the permits, Nonlocal Alaskans received 9.4% (36/384) of the permits, and Nonresidents received 27.6% (106/384).

It is important to note that at the time, every permit issued was a transferable permit.

Table 3. Initial Issuance and Year-end 2022 Totals of Kodiak Salmon Purse Seine Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2022 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percent
Local	242	63.0%	70	28.9%	-99	-40.9%	-6	-2.5%	207	55.9%
Nonlocal	36	9.4%	27	75.0%	43	119.4%	-4	-11.1%	102	27.6%
Nonresident	106	27.6%	-97	-91.5%	56	52.8%	-4	-3.8%	61	16.5%
Total	384	100.0%	0	0.0%	0	0.0%	-14	3.6%	370	96.4%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years). This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery. Both transfers and migrations have had a substantial influence on the changes, where positive numbers indicate the addition of permits and negative indicate a reduction in permits.

Transfers of S01K Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.³ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 4. Transfer Acquisition Methods for Kodiak Salmon Purse Seine Permits, 1980-2022

Acquisition Method	Kodiak Salmon Purse Seine		Kodiak Salmon Combined		Statewide Salmon Purse Seine		Statewide All Fisheries	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	289	24.4%	1,123	45.4%	1,148	27.7%	13,760	32.7%
Sale	787	66.5%	1,155	46.7%	2,621	63.2%	24,659	58.5%
Trade	16	1.4%	28	1.1%	64	1.5%	535	1.3%
Other	91	7.7%	166	6.7%	315	7.6%	3,183	7.6%
Total	1,183	100.0%	2,472	100.0%	4,148	100.0%	42,137	100.0%

Table 4 presents transfer acquisition methods for the S01K permits, all three Kodiak salmon permit types combined, statewide salmon purse seine permits, and all limited entry permits between 1980 and 2022. Two thirds of all S01K permit transfers were sales (66.5%, or 787/1,183), just under one quarter were transferred as gifts (24.4% or 289/1,183), and a small percentage were trades (1.4% or 16/1,183) or other (7.7% or 91/1,183). The annual acquisition methods for the limited S01K permits have not changed substantially over time.⁴

Table 5. Relationships of Transferor to Transfer Recipients for Kodiak Salmon Purse Seine Permits, 1980-2022

Relationship	Kodiak Salmon Purse Seine		Kodiak Salmon Combined		Statewide Salmon Purse Seine		Statewide All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	232	19.6%	680	27.5%	724	17.5%	7,896	18.7%
Member of Immediate Family	311	26.3%	831	33.6%	1,323	31.9%	14,133	33.5%
Other Relative	46	3.9%	139	5.6%	154	3.7%	1,878	4.5%
Other	594	50.2%	822	33.3%	1,947	46.9%	18,230	43.3%
Total	1,183	100.0%	2,472	100.0%	4,148	100.0%	42,137	100.0%

Table 5 shows the relationships between the transferors and transfer recipients for S01K permits, all three Kodiak salmon permit types combined, statewide salmon purse seine permits, and all limited entry permits from 1980 to 2022. Transfers within family, both immediate family members and other relatives, total 30.2/1,183/1,183% (357/1,183), compared to 35.6% (1,477/4,148) in Statewide Salmon Purse Seine fisheries, and 38% (16,011/42,137) in All Fisheries Statewide.

³ CFEC implemented the transfer survey in 1980.

⁴ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2022*, CFEC Report No. 23-02N.

S01K Permit Value

Many permit transfers are non-monetary transactions (Table 4). Table 6 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 6. CFEC Estimated Value of Kodiak Salmon Purse Seine Permits

Year	Permit Sales	Real Permit Value	Real Standard Deviation	Nominal Permit Value
1987	38	\$115,700	\$30,300	\$43,900
1988	33	\$169,700	\$51,700	\$67,100
1989	17	\$326,000	\$19,000	\$135,100
1990	16	\$340,200	\$15,300	\$148,600
1991	15	\$269,700	\$28,700	\$122,800
1992	19	\$152,300	\$10,100	\$71,400
1993	17	\$126,100	\$15,700	\$60,900
1994	19	\$87,500	\$11,000	\$43,300
1995	22	\$102,500	\$10,400	\$52,200
1996	10	\$87,000	\$8,600	\$45,600
1997	12	\$76,400	\$10,000	\$41,000
1998	9	\$56,100	\$5,300	\$30,600
1999	20	\$53,600	\$7,900	\$29,800
2000	18	\$34,900	\$5,000	\$20,100
2001	3	\$29,200	\$3,900	\$17,100
2002	7	\$16,500	\$5,500	\$9,900
2003	7	\$14,000	\$4,600	\$8,600
2004	12	\$16,100	\$1,700	\$10,200
2005	19	\$21,900	\$5,500	\$14,300
2006	17	\$26,700	\$2,600	\$18,000
2007	15	\$31,300	\$3,700	\$21,700
2008	19	\$33,600	\$1,900	\$24,200
2009	16	\$36,200	\$1,500	\$26,000
2010	13	\$38,000	\$2,800	\$27,700
2011	20	\$57,500	\$6,900	\$43,200
2012	9	\$54,300	\$6,600	\$41,700
2013	18	\$52,200	\$6,200	\$40,600
2014	16	\$64,100	\$4,400	\$50,600
2015	6	\$50,500	\$1,000	\$40,000
2016	1	\$46,700	\$4,700	\$38,200
2017	14	\$33,200	\$3,100	\$27,200
2018	10	\$31,900	\$2,700	\$26,800
2019	20	\$35,200	\$4,700	\$30,100
2020	11	\$39,900	\$3,500	\$34,500
2021	24	\$41,900	\$2,600	\$38,000
2022	13	\$39,200	\$2,200	\$38,300

- Permit values represent averages of all arms-length sale transactions over the year.
- Real permit values were calculated using the 2023 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Emergency Transfers of S01K Permits

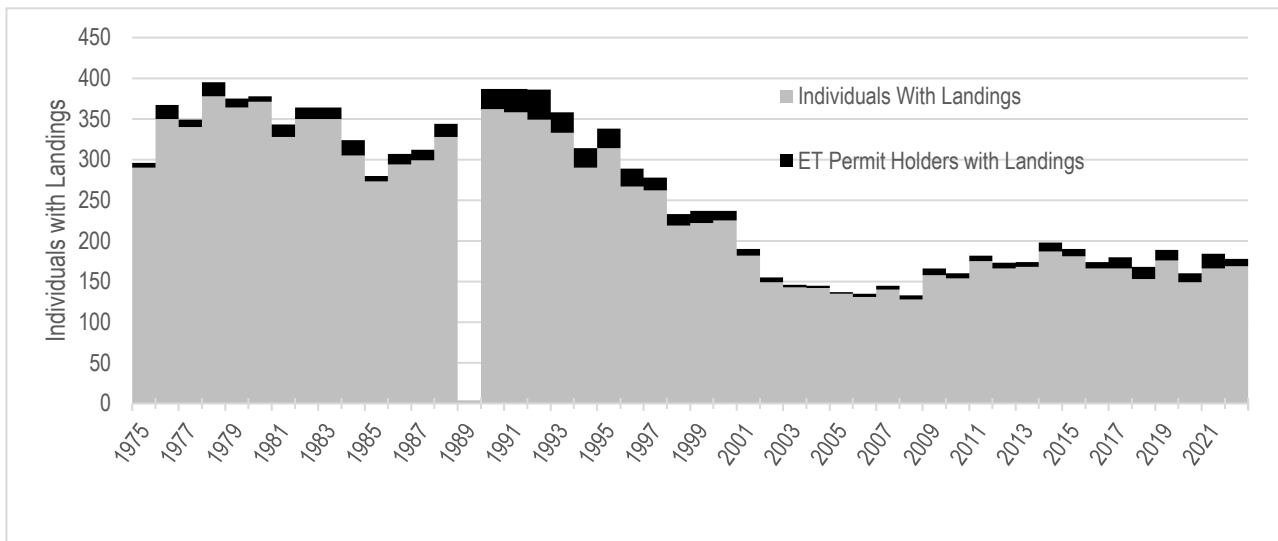
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert to the permanent permit holder.

Table 7 and Figure 1 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year.

Table 7. Use of Emergency Transfer Permits in the Kodiak Salmon Purse Seine Fishery, 1975-2022

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	290	6	2.1%	1991	358	29	8.1%	2007	140	5	3.6%
1976	350	17	4.9%	1992	349	37	10.6%	2008	128	5	3.9%
1977	340	9	2.6%	1993	333	25	7.5%	2009	158	8	5.1%
1978	378	17	4.5%	1994	290	24	8.3%	2010	154	6	3.9%
1979	364	11	3.0%	1995	314	24	7.6%	2011	175	7	4.0%
1980	371	7	1.9%	1996	267	22	8.2%	2012	166	7	4.2%
1981	328	15	4.6%	1997	262	16	6.1%	2013	168	6	3.6%
1982	350	14	4.0%	1998	219	14	6.4%	2014	187	11	5.9%
1983	350	14	4.0%	1999	222	15	6.8%	2015	181	9	5.0%
1984	305	19	6.2%	2000	225	12	5.3%	2016	166	8	4.8%
1985	273	7	2.6%	2001	182	8	4.4%	2017	166	14	8.4%
1986	294	13	4.4%	2002	149	6	4.0%	2018	153	15	9.8%
1987	299	13	4.3%	2003	143	3	2.1%	2019	176	13	7.4%
1988	328	16	4.9%	2004	142	3	2.1%	2020	149	11	7.4%
1989	4	0	0.0%	2005	135	2	1.5%	2021	166	18	10.8%
1990	362	25	6.9%	2006	131	4	3.1%	2022	169	9	7.7%

Figure 1. Use of Emergency Transfer Permits in the Kodiak Salmon Purse Seine Fishery, 1975-2022



- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

Latent S01K Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a given year are referred to herein as "latent" permits for that year.

Table 8 indicates the total number of viable S01K permits issued each year, the number of permits with commercial landings, and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted. The rate of latency is depicted in Figure 2.

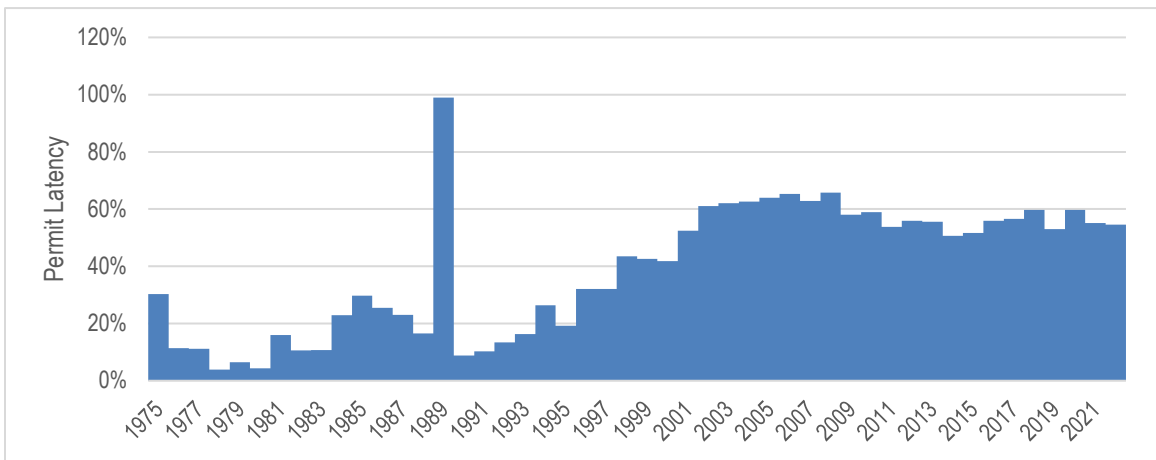
There are many reasons why an individual might not fish in any given year. This table and the following figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 8. Kodiak Salmon Purse Seine Permit Latency, 1975-2022

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	413	288	30.3%	1991	388	348	10.3%	2007	377	140	62.9%
1976	388	344	11.3%	1992	387	335	13.4%	2008	374	128	65.8%
1977	378	336	11.1%	1993	387	324	16.3%	2009	374	157	58.0%
1978	387	372	3.9%	1994	387	285	26.4%	2010	375	154	58.9%
1979	387	362	6.5%	1995	386	312	19.2%	2011	376	174	53.7%
1980	387	370	4.4%	1996	384	261	32.0%	2012	376	166	55.9%
1981	387	325	16.0%	1997	384	261	32.0%	2013	376	167	55.6%
1982	386	345	10.6%	1998	384	217	43.5%	2014	373	184	50.7%
1983	383	342	10.7%	1999	383	220	42.6%	2015	372	180	51.6%
1984	384	296	22.9%	2000	383	223	41.8%	2016	374	165	55.9%
1985	384	270	29.7%	2001	383	182	52.5%	2017	375	163	56.5%
1986	385	287	25.5%	2002	382	149	61.0%	2018	375	151	59.7%
1987	386	297	23.1%	2003	377	143	62.1%	2019	372	175	53.0%
1988	387	323	16.5%	2004	375	140	62.7%	2020	370	149	59.7%
1989	388	4	99.0%	2005	374	135	63.9%	2021	370	166	55.1%
1990	388	354	8.8%	2006	375	130	65.3%	2022	370	168	54.6%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted in the above table.
- 'Permits Fished' is the number of CFEC permits that were used to record commercial landings in that year.

Figure 2. Kodiak Salmon Purse Seine Permit Latency, 1975-2022



- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

New Entrants into the Kodiak Salmon Purse Seine Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S01K permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1975 to become an initial permit holder of a limited entry permit.

Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

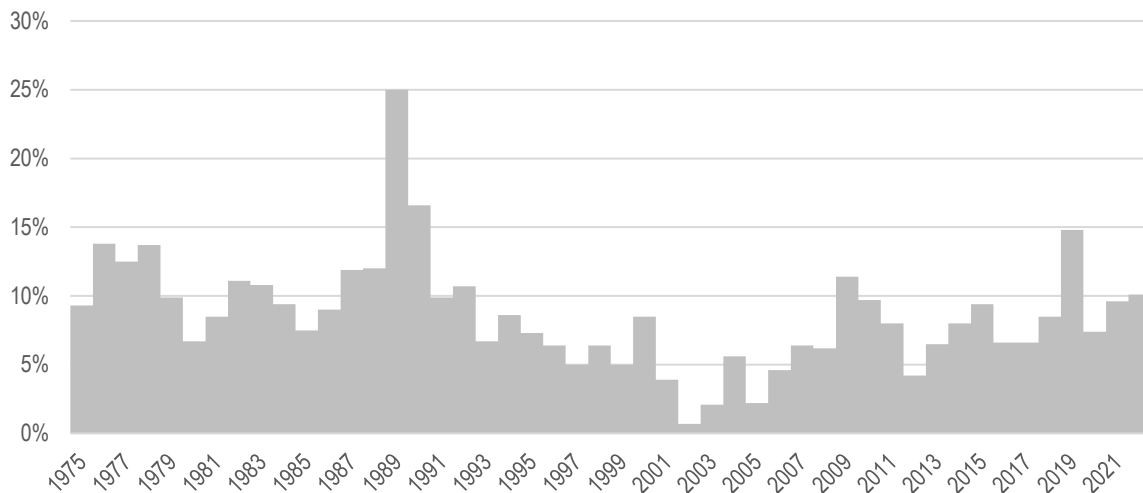
Table 9 and Figure 3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S01K permit one year, and then in subsequent years hold a different S01K permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

Table 9. New Entrants into the Kodiak Salmon Purse Seine Fishery, 1975-2022

Year	Individuals w/Landings	New Entrants		Year	Individuals w/Landings	New Entrants		Year	Individuals w/Landings	New Entrants		Year	Individuals w/Landings	New Entrants	
		Count	Percent			Count	Percent			Count	Percent			Count	Percent
1975	257	19	7.4%	1987	294	35	11.9%	1999	221	11	5.0%	2011	175	14	8.0%
1976	327	46	14.1%	1988	323	38	11.8%	2000	224	19	8.5%	2012	166	7	4.2%
1977	328	41	12.5%	1989	4	1	25.0%	2001	182	7	3.8%	2013	168	11	6.5%
1978	367	50	13.6%	1990	356	59	16.6%	2002	150	2	1.3%	2014	187	15	8.0%
1979	353	35	9.9%	1991	353	35	9.9%	2003	143	3	2.1%	2015	181	17	9.4%
1980	359	24	6.7%	1992	346	37	10.7%	2004	142	8	5.6%	2016	166	11	6.6%
1981	318	27	8.5%	1993	329	22	6.7%	2005	135	3	2.2%	2017	166	11	6.6%
1982	341	39	11.4%	1994	290	25	8.6%	2006	131	6	4.6%	2018	153	13	8.5%
1983	344	37	10.8%	1995	313	23	7.3%	2007	140	9	6.4%	2019	176	26	14.8%
1984	299	28	9.4%	1996	267	17	6.4%	2008	129	8	6.2%	2020	149	11	7.4%
1985	268	20	7.5%	1997	262	13	5.0%	2009	158	18	11.4%	2021	166	16	9.6%
1986	289	26	9.0%	1998	219	14	6.4%	2010	154	15	9.7%	2022	168	17	10.1%

- New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 3. Percent of New Entrants by Year into the Kodiak Salmon Purse Seine Fishery, 1975-2022



Age of S01K Permit Holders

Table 10. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S01K	Combined Kodiak	Statewide Salmon Purse Seine	Statewide All Permits	AK Mean Age
1980	40.3	39.4	42.3	36.8	27.0
1981	40.8	39.7	42.4	37.5	27.1
1982	41.0	39.9	42.2	37.8	27.3
1983	40.8	40.0	41.9	38.1	27.4
1984	41.5	40.5	42.1	38.3	27.5
1985	41.8	40.9	42.6	38.7	27.5
1986	40.9	40.6	42.5	39.0	27.7
1987	40.6	40.2	42.5	39.0	28.0
1988	40.5	40.5	42.7	39.5	28.4
1989	40.8	40.8	42.8	39.8	28.6
1990	41.4	41.4	43.2	40.3	28.8
1991	41.9	41.6	43.5	40.8	29.1
1992	42.3	41.8	44.0	41.2	29.4
1993	42.9	42.4	44.6	42.0	29.7
1994	43.5	43.1	45.0	42.6	30.0
1995	43.6	43.6	45.4	43.2	30.3
1996	44.3	44.0	45.8	43.5	30.7
1997	44.6	44.2	46.4	44.0	31.0
1998	45.1	44.7	46.8	44.6	31.3
1999	45.5	44.9	47.2	45.2	31.7
2000	46.1	45.5	47.3	45.6	31.8
2001	46.9	46.3	48.0	46.1	32.2
2002	47.8	47.1	48.5	46.8	32.5
2003	48.6	47.9	49.4	47.3	32.8
2004	49.4	48.5	50.1	47.8	33.0
2005	49.9	48.8	50.6	48.1	33.3
2006	49.9	48.6	51.1	48.4	33.6
2007	50.3	49.1	51.5	48.7	33.8
2008	50.4	49.3	51.1	49.0	34.1
2009	50.5	49.9	51.3	49.3	34.2
2010	51.2	50.6	51.4	49.7	34.4
2011	50.8	49.9	51.3	50.0	34.3
2012	51.3	50.7	51.4	50.2	34.5
2013	51.3	50.8	51.2	50.6	34.6
2014	50.8	50.7	51.0	50.9	34.9
2015	51.3	51.1	51.4	51.5	35.1
2016	52.2	51.6	52.0	51.8	35.3
2017	52.8	52.4	52.4	52.2	35.5
2018	53.2	52.5	52.6	52.8	35.8
2019	53.3	51.5	52.3	53.0	36.1
2020	53.6	51.9	52.8	53.5	36.3
2021	53.5	52.2	53.1	53.7	36.6
2022	53.3	52.4	52.7	54.2	36.9

- AK mean age data is from the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Table 10 shows the annual mean age of five different cohorts of people: 1) Kodiak salmon purse seine (S01K) permit holders; 2) all three (S01K, S02K, and S04K) Kodiak salmon permit holders; 3) statewide salmon purse seine permit holders 4) all CFEC limited entry permit holders; and 5) the general Alaskan population.

Note that these figures include the ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S01K permits issued. Some individuals hold permits in more than one fishery, in which cases the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan population increased 9.9 years between 1980 and 2022, which represents a 36.5% increase. The percent change in ages over the same period for all CFEC permit holders was 47.2% (17.4 years), and 29.1% (11.8 years) for the combined Kodiak salmon permit holders. For S01K permit holders, the mean age increased 13 years.

Kodiak Salmon Purse Seine Vessel Characteristics

Table 11 reports on various vessel characteristics of the Kodiak salmon purse seine fleet since 1978. Reported are the age, length, net tonnage, horsepower, refrigeration capabilities, and hold capacity. This data is from the vessel license file which includes voluntarily supplied information on vessels. The first column of each category reports the count of vessels with described characteristics. Statistics reported include the 25th percentile, median, and 75th percentile.

Table 11. Kodiak Salmon Purse Seine Vessel Characteristics

Year	Total Vessel Count	Age in Years				Length in Feet				Horsepower				Includes Refrigeration			Hold Capacity (ft ³)			
		Total Count	25%	Median	75%	Total Count	25%	Median	75%	Total Count	25%	Median	75%	Considered	Count	Percent	Total Count	25%	Median	75%
1978	372	363	4	13	22	368	31	35	38	364	125	165	215	343	7	2.0%	220	325	480	780
1979	386	375	2	9	23	379	31	36	39	368	130	165	225	353	9	2.5%	223	325	500	800
1980	376	365	2	8	21	370	32	37	40	351	130	175	245	343	7	2.0%	230	360	588	850
1981	345	336	3	10	21	340	32	36	40	330	130	173	250	320	4	1.3%	192	347	545	820
1982	341	326	4	9	20	329	33	37	41	320	130	193	263	320	9	2.8%	192	390	600	850
1983	341	331	5	10	21	334	32	36	41	331	130	190	265	326	9	2.8%	197	400	600	880
1984	299	289	6	10	20	291	33	38	41	288	140	200	280	286	9	3.1%	177	440	600	880
1985	270	263	7	11	21	263	34	38	42	260	140	200	280	261	5	1.9%	156	390	600	890
1986	280	279	8	12	22	279	34	38	42	277	140	200	280	276	9	3.3%	174	400	600	945
1987	294	293	9	12	22	293	34	38	42	292	160	200	280	289	15	5.2%	191	400	600	880
1988	321	320	9	13	23	320	35	38	42	318	155	210	280	315	14	4.4%	213	420	600	900
1989	4	4	1	7	14	4	38	43	47	4	213	400	825	4	1	25.0%	3	900	900	1,200
1990	354	353	10	13	19	354	36	39	46	348	180	250	335	338	55	16.3%	240	500	715	1,000
1991	350	349	11	13	20	350	38	41	47	345	195	260	360	338	66	19.5%	240	500	790	1,000
1992	333	332	12	14	21	333	38	41	47	330	200	273	360	320	70	21.9%	221	500	750	1,000
1993	327	326	13	15	21	327	38	41	47	324	200	280	360	312	73	23.4%	223	500	750	1,100
1994	287	286	14	16	22	287	38	41	47	283	200	280	368	277	69	24.9%	199	500	750	1,000
1995	311	311	14	17	23	311	38	42	48	307	200	290	365	299	85	28.4%	220	500	800	1,100
1996	260	259	15	18	22	260	38	42	48	257	220	300	400	250	77	30.8%	174	516	800	1,100
1997	263	262	15	19	23	263	38	42	48	260	223	300	400	253	79	31.2%	167	520	800	1,100
1998	215	215	16	20	24	215	38	42	48	213	230	300	400	205	64	31.2%	139	520	800	1,100
1999	216	216	17	21	25	216	38	42	48	214	225	300	400	207	65	31.4%	136	520	790	1,100
2000	219	218	18	22	25	219	38	42	48	216	240	300	400	211	67	31.8%	142	520	800	1,194
2001	180	179	18	22	25	180	38	43	50	179	240	300	400	174	57	32.8%	115	575	840	1,194
2002	147	146	15	23	26	147	39	44	50	144	250	320	440	141	58	41.1%	92	600	845	1,197
2003	138	137	16	24	26	138	40	44	50	137	250	320	440	132	61	46.2%	87	600	850	1,300
2004	137	136	16	25	27	137	42	46	51	136	280	345	540	131	64	48.9%	86	650	900	1,300
2005	131	131	16	26	28	131	42	47	51	131	280	350	540	125	70	56.0%	83	600	900	1,200
2006	128	128	17	27	29	128	42	48	52	128	300	355	550	124	81	65.3%	87	650	1,000	1,400
2007	136	136	18	28	30	136	42	47	52	136	300	370	550	131	90	68.7%	90	650	1,000	1,400
2008	125	125	19	29	31	125	42	48	52	125	300	365	550	121	79	65.3%	85	650	900	1,300
2009	152	152	20	30	32	152	42	47	52	152	285	350	550	147	90	61.2%	101	640	900	1,300
2010	145	145	21	30	33	145	42	47	52	145	280	350	550	140	91	65.0%	100	713	1,000	1,475
2011	168	168	22	31	34	168	42	47	52	168	280	355	550	163	105	64.4%	114	670	975	1,400
2012	156	156	24	33	35	156	42	47	52	155	280	350	550	152	94	61.8%	105	650	950	1,400
2013	164	164	25	34	37	164	42	47	51	163	270	350	540	160	100	62.5%	114	650	900	1,440
2014	178	178	26	35	38	178	42	47	52	175	270	350	525	174	111	63.8%	117	600	900	1,300
2015	171	171	29	36	39	171	42	46	51	169	275	330	450	167	108	64.7%	119	600	900	1,300
2016	157	157	30	37	40	157	41	46	51	156	278	338	513	153	101	66.0%	109	600	950	1,440
2017	154	154	29	38	41	154	42	47	52	153	280	350	525	151	109	72.2%	110	600	925	1,400
2018	147	147	29	39	41	147	42	47	53	146	280	350	550	144	108	75.0%	105	600	1,000	1,500
2019	170	170	30	40	42	170	42	47	54	167	280	350	550	165	125	75.80%	116	660	1,020	2,000
2020	147	147	31	41	43	147	42	48	54	145	296	350	550	143	113	79.00%	106	670	1,020	2,000
2021	163	163	32	41	45	163	42	48	54	160	300	365	550	159	126	79.20%	117	680	1,040	2,200
2022	163	163	33	42	45	163	42	48	54	162	300	375	550	159	132	83.00%	116	675	1,067	2,025

Kodiak Salmon Purse Seine (S01K)

Table 12 provides additional Kodiak salmon purse seine vessel characteristics. Included are statistics of engine power type and hull material for each year since 1978.

Table 12. Additional Kodiak Salmon Purse Seine Vessel Characteristics

Year	Total Vessel Count	Engine Power						Hull Material									
		Total Count	Diesel		Gas		Total Count	Aluminum		Fiberglass		Steel		Wood		Other	
			Count	Percent	Count	Percent		Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1978	372	370	348	94.1%	22	5.9%	370	5	1.4%	145	39.2%	24	6.5%	196	53.0%	0	0.0%
1979	386	381	362	95.0%	19	5.0%	381	6	1.6%	171	44.9%	22	5.8%	182	47.8%	0	0.0%
1980	376	371	353	95.1%	18	4.9%	369	9	2.4%	192	52.0%	21	5.7%	147	39.8%	0	0.0%
1981	345	341	324	95.0%	17	5.0%	335	12	3.6%	167	49.9%	19	5.7%	137	40.9%	0	0.0%
1982	341	331	318	96.1%	13	3.9%	327	10	3.1%	176	53.8%	17	5.2%	124	37.9%	0	0.0%
1983	341	335	316	94.3%	19	5.7%	333	15	4.5%	176	52.9%	16	4.8%	126	37.8%	0	0.0%
1984	299	292	279	95.5%	13	4.5%	292	13	4.5%	168	57.5%	14	4.8%	97	33.2%	0	0.0%
1985	270	264	258	97.7%	6	2.3%	264	10	3.8%	163	61.7%	11	4.2%	80	30.3%	0	0.0%
1986	280	280	269	96.1%	11	3.9%	280	12	4.3%	171	61.1%	10	3.6%	86	30.7%	1	0.4%
1987	294	294	288	98.0%	6	2.0%	294	10	3.4%	180	61.2%	15	5.1%	88	29.9%	1	0.3%
1988	321	320	313	97.8%	7	2.2%	321	11	3.4%	203	63.2%	16	5.0%	90	28.0%	1	0.3%
1989	4	4	4	100.0%	0	0.0%	4	1	25.0%	3	75.0%	0	0.0%	0	0.0%	0	0.0%
1990	354	352	346	98.3%	6	1.7%	354	11	3.1%	248	70.1%	28	7.9%	66	18.6%	1	0.3%
1991	350	349	345	98.9%	4	1.1%	350	6	1.7%	259	74.0%	28	8.0%	56	16.0%	1	0.3%
1992	333	332	328	98.8%	4	1.2%	333	4	1.2%	252	75.7%	27	8.1%	49	14.7%	1	0.3%
1993	327	326	322	98.8%	4	1.2%	327	8	2.4%	247	75.5%	24	7.3%	47	14.4%	1	0.3%
1994	287	286	281	98.3%	5	1.7%	287	7	2.4%	224	78.0%	20	7.0%	35	12.2%	1	0.3%
1995	311	310	308	99.4%	2	0.6%	311	6	1.9%	244	78.5%	23	7.4%	37	11.9%	1	0.3%
1996	260	259	258	99.6%	1	0.4%	260	3	1.2%	215	82.7%	19	7.3%	22	8.5%	1	0.4%
1997	263	262	261	99.6%	1	0.4%	263	4	1.5%	220	83.7%	16	6.1%	23	8.7%	0	0.0%
1998	215	214	213	99.5%	1	0.5%	215	8	3.7%	175	81.4%	15	7.0%	17	7.9%	0	0.0%
1999	216	215	215	100.0%	0	0.0%	216	6	2.8%	179	82.9%	16	7.4%	15	6.9%	0	0.0%
2000	219	218	218	100.0%	0	0.0%	219	8	3.7%	184	84.0%	15	6.8%	12	5.5%	0	0.0%
2001	180	180	177	98.3%	3	1.7%	180	5	2.8%	154	85.6%	12	6.7%	9	5.0%	0	0.0%
2002	147	146	146	100.0%	0	0.0%	147	4	2.7%	129	87.8%	9	6.1%	5	3.4%	0	0.0%
2003	138	138	136	98.6%	2	1.4%	138	6	4.3%	120	87.0%	9	6.5%	3	2.2%	0	0.0%
2004	137	137	135	98.5%	2	1.5%	137	7	5.1%	117	85.4%	10	7.3%	3	2.2%	0	0.0%
2005	131	131	129	98.5%	2	1.5%	131	6	4.6%	116	88.5%	9	6.9%	0	0.0%	0	0.0%
2006	128	128	127	99.2%	1	0.8%	128	6	4.7%	109	85.2%	13	10.2%	0	0.0%	0	0.0%
2007	136	136	135	99.3%	1	0.7%	136	5	3.7%	119	87.5%	12	8.8%	0	0.0%	0	0.0%
2008	125	125	125	100.0%	0	0.0%	125	5	4.0%	111	88.8%	9	7.2%	0	0.0%	0	0.0%
2009	152	152	149	98.0%	3	2.0%	152	10	6.6%	129	84.9%	13	8.6%	0	0.0%	0	0.0%
2010	145	145	144	99.3%	1	0.7%	145	9	6.2%	120	82.8%	15	10.3%	1	0.7%	0	0.0%
2011	168	168	168	100.0%	0	0.0%	168	9	5.4%	142	84.5%	15	8.9%	2	1.2%	0	0.0%
2012	156	156	154	98.7%	2	1.3%	156	8	5.1%	132	84.6%	12	7.7%	4	2.6%	0	0.0%
2013	164	164	163	99.4%	1	0.6%	164	6	3.7%	143	87.2%	13	7.9%	2	1.2%	0	0.0%
2014	178	178	177	99.4%	1	0.6%	178	8	4.5%	150	84.3%	15	8.4%	5	2.8%	0	0.0%
2015	171	171	170	99.4%	1	0.6%	171	7	4.1%	146	85.4%	14	8.2%	4	2.3%	0	0.0%
2016	157	157	157	100.0%	0	0.0%	157	6	3.8%	136	86.6%	12	7.6%	3	1.9%	0	0.0%
2017	154	154	154	100.0%	0	0.0%	154	6	3.9%	133	86.4%	12	7.8%	3	1.9%	0	0.0%
2018	147	147	147	100.0%	0	0.0%	147	7	4.8%	127	86.4%	11	7.5%	2	1.4%	0	0.0%
2019	170	170	170	100.0%	0	0.0%	170	9	5.3%	145	85.3%	13	7.6%	3	1.8%	0	0.0%
2020	147	147	147	100.0%	0	0.0%	147	10	6.8%	122	83.0%	11	7.5%	4	2.7%	0	0.0%
2021	163	163	163	100.0%	0	0.0%	163	11	6.7%	137	84.0%	11	6.7%	4	2.5%	0	0.0%
2022	163	163	163	100.0%	0	0.0%	163	9	5.5%	136	83.4%	14	8.6%	4	2.5%	0	0.0%

Participation and Earnings

Table 13 reports the number of permits issued, permits with landings, and vessels with landings, and estimated gross earnings in the Kodiak salmon purse seine fishery from 1975 to 2022. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

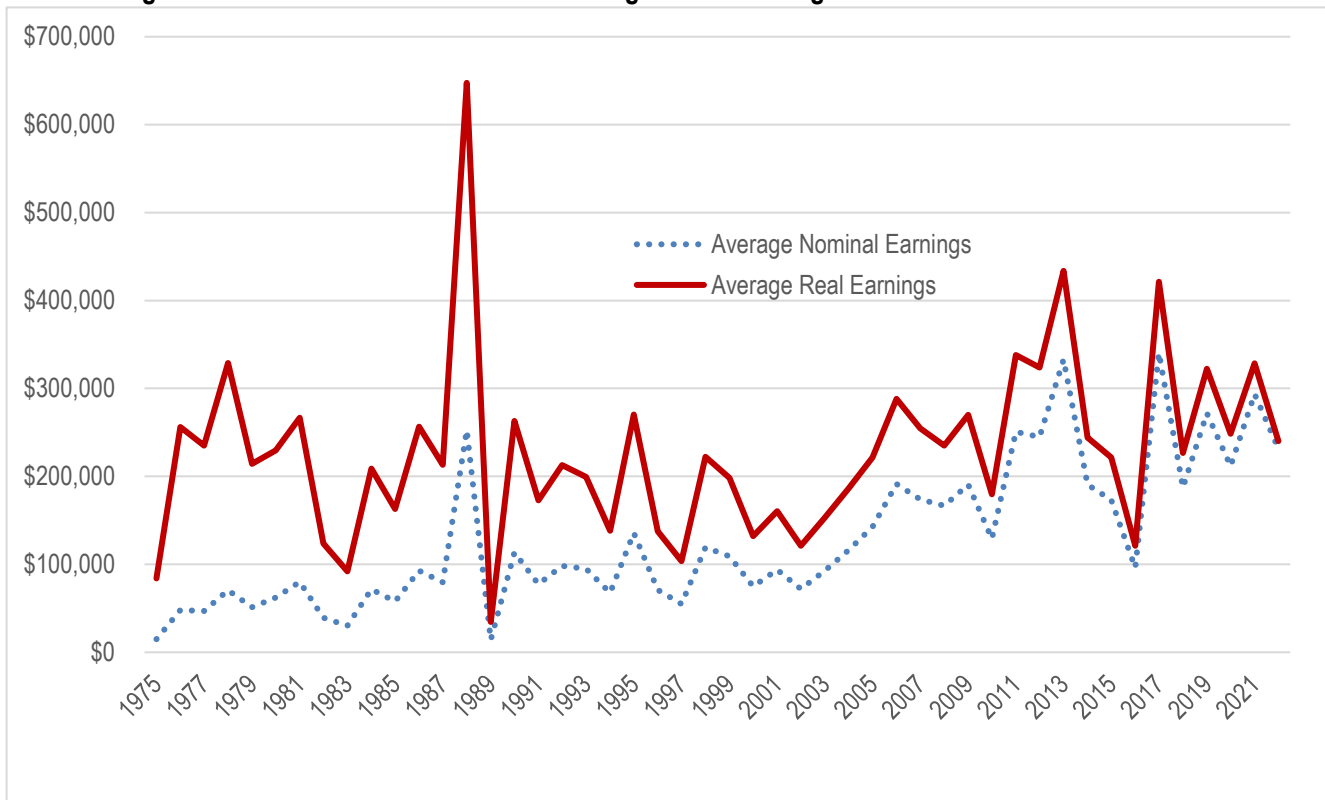
Table 14 reports the number of permit holders (people) and estimated real (inflation-adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 15 breaks out participation and earnings by ADF&G salmon district with real ex-vessel values.

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings are shown in Figure 4 for both nominal and real dollars using the 2023 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held was in 2001. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted.

Figure 4. Estimated Nominal and Real Average Gross Earnings Per Kodiak Salmon Seine Permit



- Real earnings are adjusted for inflation using the 2023 U.S. Bureau of Labor Statistics Consumer Price Index.

Kodiak Salmon Purse Seine (S01K)

Table 13. Estimated Total Gross Earnings (Real and Nominal) for the Kodiak Salmon Purse Seine Fishery, With Average Earnings (Real) by Permit and Vessel, 1975-2022

Year	Permits Issued	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	413	\$4,296,415	\$24,221,340	288	\$84,102	288	\$84,102
1976	388	\$16,537,260	\$88,165,054	344	\$256,294	340	\$259,309
1977	378	\$15,772,355	\$78,953,789	336	\$234,982	345	\$228,852
1978	387	\$26,294,974	\$122,295,916	372	\$328,752	372	\$328,752
1979	387	\$18,556,426	\$77,573,980	362	\$214,293	386	\$200,969
1980	387	\$23,074,410	\$84,950,951	370	\$229,597	376	\$225,933
1981	387	\$25,960,104	\$86,622,736	325	\$266,531	345	\$251,080
1982	386	\$13,561,501	\$42,637,255	345	\$123,586	341	\$125,036
1983	383	\$10,341,890	\$31,502,815	342	\$92,113	341	\$92,384
1984	384	\$21,181,904	\$61,862,561	296	\$208,995	299	\$206,898
1985	384	\$15,601,263	\$44,003,865	270	\$162,977	270	\$162,977
1986	385	\$26,602,950	\$73,636,815	287	\$256,574	280	\$262,989
1987	386	\$23,702,188	\$63,288,285	297	\$213,092	294	\$215,266
1988	387	\$81,526,188	\$209,157,845	323	\$647,548	321	\$651,582
1989	388	\$56,422	\$138,087	4	\$34,522	4	\$34,522
1990	388	\$40,117,467	\$93,154,784	354	\$263,149	354	\$263,149
1991	388	\$26,973,828	\$60,089,808	348	\$172,672	350	\$171,685
1992	387	\$32,960,017	\$71,266,749	335	\$212,737	333	\$214,014
1993	387	\$30,756,924	\$64,596,513	324	\$199,372	327	\$197,543
1994	387	\$19,250,419	\$39,402,837	285	\$138,256	287	\$137,292
1995	386	\$42,359,845	\$84,338,460	312	\$270,316	311	\$271,185
1996	384	\$18,551,849	\$35,884,876	261	\$137,490	260	\$138,019
1997	384	\$14,339,237	\$27,102,834	261	\$103,842	263	\$103,053
1998	384	\$25,898,030	\$48,202,071	217	\$222,129	215	\$224,196
1999	383	\$23,971,102	\$43,660,324	220	\$198,456	216	\$202,131
2000	383	\$16,714,285	\$29,448,518	223	\$132,056	219	\$134,468
2001	383	\$17,058,329	\$29,228,630	182	\$160,597	180	\$162,381
2002	382	\$10,710,425	\$18,065,279	149	\$121,243	147	\$122,893
2003	377	\$13,267,251	\$21,881,156	143	\$153,015	138	\$158,559
2004	375	\$16,283,559	\$26,155,587	140	\$186,826	137	\$190,917
2005	374	\$19,242,761	\$29,894,580	135	\$221,441	131	\$228,203
2006	375	\$24,895,666	\$37,467,951	130	\$288,215	128	\$292,718
2007	377	\$24,357,780	\$35,641,693	140	\$254,584	136	\$262,071
2008	374	\$21,343,868	\$30,076,884	128	\$234,976	125	\$240,615
2009	374	\$29,954,846	\$42,361,728	157	\$269,820	152	\$278,696
2010	375	\$19,887,085	\$27,670,236	154	\$179,677	145	\$190,829
2011	376	\$43,603,641	\$58,812,068	174	\$338,000	168	\$350,072
2012	376	\$40,657,909	\$53,727,105	166	\$323,657	156	\$344,405
2013	376	\$55,619,062	\$72,436,343	167	\$433,751	164	\$441,685
2014	373	\$35,065,519	\$44,939,107	184	\$244,234	178	\$252,467
2015	372	\$31,177,877	\$39,909,457	180	\$221,719	171	\$233,389
2016	374	\$15,825,972	\$20,005,756	165	\$121,247	157	\$127,425
2017	375	\$55,493,408	\$68,686,623	163	\$421,390	154	\$446,017
2018	375	\$28,309,743	\$34,204,731	151	\$226,521	147	\$232,685
2019	372	\$47,564,997	\$56,446,608	175	\$322,552	170	\$332,039
2020	370	\$31,574,657	\$37,013,863	149	\$248,415	147	\$251,795
2021	370	\$48,731,690	\$54,563,150	166	\$328,694	163	\$334,743
2022	370	\$38,940,009	\$40,369,094	168	\$240,292	163	\$247,663

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC online Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.

Kodiak Salmon Purse Seine (S01K)

Table 14. Estimated Real Gross Earnings for Permit Holders in the Kodiak Salmon Purse Seine Fishery by Resident Type, 1975-2022

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	200	\$79,116	\$15,823,252	22	\$85,106	\$1,872,324	70	\$93,225	\$6,525,764	292	\$82,950	\$24,221,340
1976	225	\$220,721	\$49,662,295	26	\$276,788	\$7,196,492	99	\$316,225	\$31,306,267	350	\$251,900	\$88,165,054
1977	223	\$220,288	\$49,124,247	29	\$254,153	\$7,370,445	88	\$255,217	\$22,459,097	340	\$232,217	\$78,953,789
1978	239	\$289,511	\$69,193,214	41	\$363,720	\$14,912,526	98	\$389,696	\$38,190,176	378	\$323,534	\$122,295,916
1979	238	\$199,949	\$47,587,920	29	\$224,549	\$6,511,932	97	\$242,001	\$23,474,128	364	\$213,115	\$77,573,980
1980	238	\$209,015	\$49,745,468	37	\$258,146	\$9,551,408	96	\$267,230	\$25,654,076	371	\$228,978	\$84,950,951
1981	225	\$237,059	\$53,338,292	26	\$294,630	\$7,660,382	77	\$332,780	\$25,624,061	328	\$264,094	\$86,622,736
1982	234	\$110,527	\$25,863,332	33	\$108,024	\$3,564,808	83	\$159,146	\$13,209,114	350	\$121,821	\$42,637,255
1983	235	\$77,261	\$18,156,271	29	\$88,974	\$2,580,249	86	\$125,189	\$10,766,295	350	\$90,008	\$31,502,815
1984	205	\$172,800	\$35,424,016	24	\$223,551	\$5,365,226	76	\$277,281	\$21,073,319	305	\$202,828	\$61,862,561
1985	186	\$148,200	\$27,565,149	24	\$138,359	\$3,320,609	63	\$208,224	\$13,118,107	273	\$161,186	\$44,003,865
1986	196	\$211,138	\$41,382,965	28	\$237,812	\$6,658,741	70	\$365,644	\$25,595,108	294	\$250,465	\$73,636,815
1987	197	\$189,827	\$37,395,861	27	\$230,686	\$6,228,512	75	\$262,185	\$19,663,912	299	\$211,667	\$63,288,285
1988	209	\$597,220	\$124,818,991	42	\$597,744	\$25,105,258	77	\$766,813	\$59,044,615	328	\$637,100	\$208,968,864
1989	1 - 3	<i>confidential</i>	<i>confidential</i>	1 - 3	<i>confidential</i>	<i>confidential</i>	1 - 3	<i>confidential</i>	<i>confidential</i>	4	\$28,564	\$114,258
1990	219	\$226,237	\$49,545,955	50	\$259,985	\$12,999,230	93	\$329,135	\$30,609,599	362	\$257,334	\$93,154,784
1991	213	\$156,943	\$33,428,943	51	\$156,892	\$8,001,497	94	\$198,504	\$18,659,369	358	\$167,849	\$60,089,808
1992	197	\$190,156	\$37,460,808	63	\$178,169	\$11,224,649	89	\$253,722	\$22,581,293	349	\$204,203	\$71,266,749
1993	199	\$179,347	\$35,689,965	50	\$192,251	\$9,612,534	84	\$229,691	\$19,294,014	333	\$193,984	\$64,596,513
1994	173	\$120,559	\$20,856,655	43	\$145,008	\$6,235,364	74	\$166,262	\$12,303,413	290	\$135,846	\$39,395,432
1995	176	\$243,903	\$42,926,956	53	\$268,380	\$14,224,123	85	\$319,852	\$27,187,382	314	\$268,594	\$84,338,460
1996	159	\$120,656	\$19,184,324	39	\$139,952	\$5,458,112	69	\$162,934	\$11,242,439	267	\$134,400	\$35,884,876
1997	149	\$98,409	\$14,662,956	39	\$95,221	\$3,713,638	74	\$117,922	\$8,726,239	262	\$103,446	\$27,102,834
1998	130	\$206,080	\$26,790,339	32	\$232,288	\$7,433,207	57	\$245,237	\$13,978,524	219	\$220,101	\$48,202,071
1999	132	\$186,925	\$24,674,038	34	\$197,682	\$6,721,194	56	\$219,019	\$12,265,090	222	\$196,668	\$43,660,324
2000	134	\$124,557	\$16,690,628	36	\$132,808	\$4,781,076	55	\$145,033	\$7,976,815	225	\$130,882	\$29,448,518
2001	110	\$151,231	\$16,635,419	29	\$194,105	\$5,629,050	43	\$161,957	\$6,964,161	182	\$160,597	\$29,228,630
2002	91	\$113,460	\$10,324,878	23	\$134,280	\$3,088,445	35	\$132,735	\$4,645,727	149	\$121,202	\$18,059,050
2003	91	\$134,568	\$12,245,682	24	\$214,604	\$5,150,504	28	\$160,178	\$4,484,970	143	\$153,015	\$21,881,156
2004	89	\$161,138	\$14,341,289	22	\$242,024	\$5,324,526	31	\$209,347	\$6,489,772	142	\$184,194	\$26,155,587
2005	80	\$204,764	\$16,381,126	22	\$297,610	\$6,547,418	33	\$211,092	\$6,966,036	135	\$221,441	\$29,894,580
2006	77	\$270,018	\$20,791,381	25	\$354,291	\$8,857,270	29	\$269,631	\$7,819,299	131	\$286,015	\$37,467,951
2007	83	\$239,867	\$19,908,937	28	\$292,496	\$8,189,885	29	\$260,099	\$7,542,871	140	\$254,584	\$35,641,693
2008	73	\$225,780	\$16,481,909	24	\$292,412	\$7,017,893	31	\$211,652	\$6,561,206	128	\$234,852	\$30,061,008
2009	86	\$261,536	\$22,492,102	36	\$290,762	\$10,467,419	36	\$261,172	\$9,402,207	158	\$268,112	\$42,361,728
2010	92	\$168,815	\$15,531,001	33	\$203,328	\$6,709,839	29	\$187,221	\$5,429,397	154	\$179,677	\$27,670,236
2011	106	\$305,099	\$32,340,539	35	\$446,508	\$15,627,790	34	\$318,934	\$10,843,740	175	\$336,069	\$58,812,068
2012	108	\$292,884	\$31,631,516	29	\$433,105	\$12,560,035	29	\$328,812	\$9,535,554	166	\$323,657	\$53,727,105
2013	109	\$399,840	\$43,582,539	35	\$501,552	\$17,554,330	24	\$470,811	\$11,299,474	168	\$431,169	\$72,436,343
2014	120	\$244,702	\$29,364,246	42	\$251,230	\$10,551,650	25	\$200,928	\$5,023,210	187	\$240,316	\$44,939,107
2015	116	\$208,985	\$24,242,285	43	\$247,835	\$10,656,899	22	\$227,740	\$5,010,273	181	\$220,494	\$39,909,457
2016	110	\$106,259	\$11,688,492	36	\$173,434	\$6,243,635	20	\$103,681	\$2,073,629	166	\$120,517	\$20,005,756
2017	109	\$373,967	\$40,762,387	35	\$557,222	\$19,502,761	22	\$382,794	\$8,421,474	166	\$413,775	\$68,686,623
2018	103	\$208,613	\$21,487,122	35	\$284,433	\$9,955,156	15	\$184,164	\$2,762,453	153	\$223,560	\$34,204,731
2019	118	\$286,042	\$33,752,952	37	\$415,338	\$15,367,504	21	\$348,864	\$7,326,152	176	\$320,719	\$56,446,608
2020	92	\$231,816	\$21,327,079	37	\$314,627	\$11,641,200	20	\$202,279	\$4,045,584	149	\$248,415	\$37,013,863
2021	102	\$310,208	\$31,641,224	43	\$408,742	\$17,575,923	21	\$254,572	\$5,346,003	166	\$328,694	\$54,563,150
2022	110	\$220,112	\$24,212,297	40	\$314,793	\$12,591,722	18	\$191,509	\$3,447,154	169	\$238,870	\$40,369,094

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year. Note that these counts are for individuals, not permits.

Table 15. Gross Real Earnings for the Kodiak Salmon Purse Seine Fishery by ADF&G Salmon District, 1975 to 2022

Year	Afoqnak		Northeast		Eastside		Alitak		Southwest		Northwest		Mainland		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
1975	64	\$1,094,035	72	\$1,726,914	85	\$2,817,223	42	\$1,864,771	67	\$1,395,121	220	\$13,199,072	44	\$1,790,539	288	\$23,887,675
1976	68	\$2,440,738	101	\$5,318,439	176	\$22,903,340	119	\$11,333,542	138	\$22,353,748	247	\$20,754,598	100	\$2,706,130	344	\$87,810,535
1977	53	\$1,378,974	71	\$1,993,384	216	\$24,580,396	73	\$8,308,525	168	\$12,274,891	215	\$18,321,750	118	\$11,033,421	336	\$77,891,341
1978	161	\$6,748,587	81	\$1,879,014	208	\$20,682,413	166	\$25,921,674	237	\$43,995,461	264	\$20,230,767	41	\$2,284,287	372	\$121,742,203
1979	165	\$5,847,089	84	\$2,733,223	220	\$21,858,099	125	\$14,536,246	157	\$5,911,803	293	\$24,629,641	89	\$1,742,141	362	\$77,258,242
1980	146	\$7,736,352	72	\$1,836,924	159	\$9,761,303	84	\$8,327,829	219	\$38,447,327	256	\$12,531,413	84	\$6,083,301	370	\$84,724,449
1981	178	\$10,610,334	82	\$2,912,464	152	\$18,327,362	86	\$12,602,377	159	\$17,494,576	257	\$19,139,024	99	\$5,053,926	325	\$86,140,063
1982	184	\$5,677,218	82	\$1,506,914	103	\$4,123,279	100	\$3,069,144	239	\$18,406,227	228	\$6,470,621	108	\$3,383,852	345	\$42,637,255
1983	180	\$2,124,831	73	\$634,247	181	\$3,293,687	150	\$7,100,023	181	\$8,875,600	281	\$7,631,818	87	\$1,842,608	342	\$31,502,814
1984	152	\$4,058,543	40	\$693,087	88	\$2,108,803	69	\$3,756,451	239	\$39,000,454	229	\$10,703,904	69	\$1,541,318	296	\$61,862,560
1985	192	\$10,391,767	57	\$735,849	69	\$878,721	118	\$7,253,433	224	\$16,303,389	211	\$7,004,703	66	\$1,430,354	270	\$43,998,216
1986	119	\$4,030,865	27	\$288,552	58	\$1,564,554	144	\$14,238,709	242	\$30,347,868	251	\$21,231,101	83	\$1,935,167	287	\$73,636,816
1987	184	\$8,772,670	83	\$1,469,287	93	\$2,124,628	147	\$9,395,274	240	\$24,206,718	248	\$15,381,298	79	\$1,938,411	297	\$63,288,286
1988	237	\$40,143,026	90	\$4,925,574	89	\$15,849,372	121	\$20,383,149	235	\$53,372,170	289	\$65,920,544	114	\$8,564,009	323	\$209,157,844
1989	0	\$0	0	\$0	0	\$0	1-3	Confidential	1-3	Confidential	0	\$0	0	\$0	4	\$138,087
1990	219	\$8,665,769	18	\$113,061	75	\$3,600,366	156	\$13,119,649	293	\$52,656,503	287	\$13,801,760	54	\$1,197,677	354	\$93,154,785
1991	161	\$3,706,606	50	\$517,130	180	\$8,973,050	185	\$11,371,294	302	\$25,635,840	270	\$9,277,490	34	\$608,398	348	\$60,089,808
1992	218	\$5,458,411	56	\$1,257,205	199	\$13,782,142	140	\$4,600,419	299	\$29,897,475	292	\$10,332,161	139	\$5,938,937	335	\$71,266,750
1993	242	\$18,606,629	39	\$510,087	173	\$8,117,470	115	\$8,215,867	246	\$14,937,309	270	\$13,699,517	50	\$509,635	324	\$64,596,514
1994	199	\$6,617,843	35	\$254,810	114	\$2,516,853	111	\$7,559,851	182	\$11,036,989	246	\$11,002,990	38	\$413,503	285	\$39,402,839
1995	212	\$13,465,161	80	\$1,279,582	147	\$10,397,303	149	\$18,327,158	221	\$18,890,049	264	\$21,720,234	33	\$258,972	312	\$84,338,459
1996	157	\$4,351,390	7	\$18,601	68	\$758,312	138	\$6,977,041	214	\$17,864,155	198	\$5,523,640	35	\$391,735	261	\$35,884,874
1997	182	\$5,403,896	40	\$303,610	82	\$2,334,408	91	\$3,774,824	180	\$6,331,597	214	\$8,473,567	59	\$480,931	261	\$27,102,833
1998	144	\$10,219,771	17	\$181,439	59	\$1,595,374	71	\$6,014,917	167	\$19,946,417	173	\$10,009,679	20	\$234,474	217	\$48,202,071
1999	146	\$7,324,178	32	\$268,112	89	\$3,682,281	50	\$3,114,451	184	\$19,280,061	185	\$9,836,635	19	\$154,607	220	\$43,660,325
2000	175	\$7,162,885	12	\$138,668	107	\$2,425,703	58	\$2,447,542	183	\$9,590,523	192	\$7,457,817	19	\$225,381	223	\$29,448,519
2001	152	\$12,320,797	12	\$64,548	71	\$1,836,482	34	\$2,340,103	145	\$8,558,076	138	\$4,051,493	9	\$57,132	182	\$29,228,631
2002	117	\$5,736,636	20	\$148,688	54	\$1,276,585	13	\$703,352	103	\$3,109,342	129	\$6,747,333	25	\$321,832	149	\$18,043,768
2003	109	\$6,572,509	12	\$67,738	42	\$1,459,396	22	\$917,832	101	\$4,220,866	131	\$8,085,669	29	\$472,900	143	\$21,796,910
2004	106	\$5,273,896	21	\$199,368	43	\$1,017,225	32	\$2,968,494	90	\$8,189,674	122	\$8,041,091	31	\$453,712	140	\$26,143,460
2005	102	\$9,238,387	10	\$34,464	63	\$4,366,119	40	\$4,450,996	88	\$5,752,203	111	\$5,386,206	18	\$666,206	135	\$29,894,581
2006	96	\$5,632,297	25	\$334,217	56	\$4,416,206	24	\$2,627,533	79	\$6,827,867	121	\$16,992,336	25	\$637,497	130	\$37,467,953
2007	114	\$11,941,646	24	\$451,534	63	\$7,083,100	16	\$750,405	80	\$9,000,320	118	\$6,268,995	20	\$137,123	140	\$35,633,123
2008	108	\$6,550,549	10	\$121,778	58	\$4,241,133	41	\$4,183,151	71	\$6,894,704	106	\$7,828,606	15	\$256,962	128	\$30,076,883
2009	133	\$14,357,100	55	\$1,732,959	91	\$8,089,573	50	\$7,001,928	40	\$3,825,954	126	\$7,282,387	6	\$60,604	157	\$42,350,505
2010	143	\$10,955,683	8	\$34,581	44	\$2,212,746	27	\$518,723	91	\$7,874,904	129	\$5,955,843	18	\$117,757	154	\$27,670,237
2011	122	\$8,061,616	72	\$2,209,639	138	\$19,086,846	73	\$11,539,392	97	\$11,943,935	122	\$5,577,962	16	\$392,679	174	\$58,812,069
2012	133	\$14,367,064	21	\$457,256	81	\$4,061,551	57	\$5,120,642	100	\$12,818,134	140	\$16,807,874	8	\$94,585	166	\$53,727,106
2013	140	\$24,020,233	50	\$1,586,749	109	\$13,331,931	62	\$5,848,195	115	\$15,708,388	131	\$11,849,322	4	\$54,865	167	\$72,399,683
2014	163	\$14,905,989	13	\$88,383	78	\$1,874,895	48	\$2,234,700	139	\$17,166,356	164	\$7,704,370	31	\$964,413	184	\$44,939,106
2015	130	\$5,971,304	49	\$932,845	80	\$4,889,186	51	\$6,246,828	121	\$9,085,509	159	\$11,827,637	25	\$956,150	180	\$39,909,459
2016	119	\$3,951,853	5	\$12,929	62	\$1,688,313	38	\$1,304,561	112	\$7,685,905	141	\$4,835,121	24	\$527,074	165	\$20,005,756

-continued-

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index. Some Permits are used to record landings in more than one district.

Kodiak Salmon Beach Seine (S02K)

Table 15. Gross Real Earnings for the Kodiak Salmon Purse Seine Fishery by ADF&G Salmon District, 1975 to 2022

Year	Afognak		Northeast		Eastside		Alitak		Southwest		Northwest		Mainland		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
2017	101	\$4,357,174	6	\$24,122	91	\$10,665,794	44	\$7,157,969	104	\$15,907,546	146	\$28,973,206	30	\$1,600,811	163	\$68,686,622
2018	124	\$11,344,917	1	\$1,260	49	\$1,212,769	50	\$2,910,781	99	\$10,622,707	130	\$7,979,054	7	\$133,242	151	\$34,204,730
2019	142	\$11,713,717	14	\$226,170	82	\$5,078,973	50	\$4,365,055	87	\$13,344,326	166	\$21,571,111	10	\$147,256	175	\$56,446,608
2020	115	\$9,144,949	11	\$50,479	62	\$1,690,761	41	\$2,546,720	106	\$15,352,097	125	\$7,450,592	16	\$778,265	149	\$37,013,863
2021	129	\$12,780,661	17	\$247,125	71	\$7,121,512	45	\$7,018,619	91	\$14,523,754	140	\$12,790,317	7	\$81,163	166	\$54,563,151
2022	130	\$7,529,956	2	\$4,768	77	\$5,237,257	47	\$3,361,010	99	\$13,465,647	146	\$10,758,637	2	\$11,820	168	\$40,369,095

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index. Some Permits are used to record landings in more than one district.

Kodiak Salmon Beach Seine Fishery

S02K Permit Holdings

Table 16 indicates the initial distribution and historical net changes in permit holdings for the fishery. License limitation permits for the Kodiak salmon beach seine fishery (S02K permits) were issued starting in 1975, when CFEC issued 36 S02K permits. Of this total, Alaska Locals received 86.1% (31/36) of the permits, Nonlocal Alaskans received 8.3% (3/36) of the permits, and the remaining 5.6% (2/36) of the permits went to Nonresidents. Four of the 36 permits issued were non-transferable permits. By 2004, all non-transferable permits had been cancelled.

Table 16. Initial Issuance and Year-end 2022 Totals of Kodiak Salmon Beach Seine Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2022 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percent
Local	31	86.1%	-4	-12.9%	-6	-19.4%	-3	-9.7%	17	58.6%
Nonlocal	3	8.3%	-2	-66.7%	5	166.7%	0	0.0%	6	20.7%
Nonresident	2	5.6%	6	300.0%	1	50.0%	-3	-150.0%	6	20.7%
Total	36	100.0%	0	0%	0	0%	-6	-16.7%	29	100.0%

As mentioned, the number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled, such as when a permit holder does not pay the renewal fee for two consecutive years. Cancellations often occur when a non-transferable permit holder decides to no longer renew his or her permit when they retire from fishing. This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery. Since 1975, transfers have contributed the largest portion to the net changes in residency type within this fishery.

Transfers of S02K Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.⁵ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 17. Transfer Acquisition Methods for Kodiak Salmon Beach Seine Permits, 1980-2022

Acquisition Method	Kodiak Salmon Beach Seine		Kodiak Salmon Combined		Statewide All Fisheries	
	Count	Percent	Count	Percent	Count	Percent
Gift	35	28.5%	1,123	45.4%	13,760	32.7%
Sale	78	63.4%	1,155	46.7%	24,659	58.5%
Trade	4	3.3%	28	1.1%	535	1.3%
Other	6	4.9%	166	6.7%	3,183	7.6%
Total	123	100%	2,472	100%	42,137	100%

Table 17 presents transfer acquisition methods for the S02K permits, all three Kodiak salmon permit types combined, and all limited entry permits between 1980 and 2022. Nearly two thirds of all S02K transfers were sales (63.4% or 78/123), just under one third were gifts (28.5% or 35/123), and a smaller percentage were trades (3.3% or 4/123) or other (4.9% or 6/123). The annual acquisition methods for the limited S02K permits have not changed substantially throughout time.⁶

Table 18. Relationships of Transferor to Transfer Recipients for Kodiak Salmon Beach Seine Permits, 1980-2022

Relationship	Kodiak Salmon Beach Seine		Kodiak Salmon Combined		Statewide All Fisheries	
	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	37	30.1%	680	27.5%	7,896	18.7%
Member of Immediate Family	30	24.4%	831	33.6%	14,133	33.5%
Other Relative	4	3.3%	139	5.6%	1,878	4.5%
Other	52	42.3%	822	33.3%	18,230	43.3%
Total	123	100%	2,472	100%	42,137	100%

Table 18 shows the relationships between the transferors and transfer recipients for S02K permits, all three Kodiak salmon permit types combined, and all limited entry permits from 1980 to 2022. Transfers within the family, both between immediate family members and other relatives, total 27.6% (34/123) of all permit transfers for S02K permits compared to 39.2% (970/2,472) for all three Kodiak salmon permit types combined, and 38% (16,011/42,137) for all limited entry permits statewide.

⁵ CFEC implemented the transfer survey in 1980.

⁶ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2022* CFEC Report No. 23-2N.

S02K Permit Value

Many permit transfers are non-monetary transactions (see Table 17). Table 19 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 19. CFEC Estimated Value of Kodiak Salmon Beach Seine Permits

Year	S02K Permit Sales	Permit Value	Standard Deviation (Real)	Nominal Value
1987	3	\$154,601	\$14,953	\$22,000
1988	5	\$184,205	\$34,122	\$28,400
1989	6	\$205,826	\$24,229	\$34,800
1990	2	\$244,744	\$59,909	\$44,200
1991	2	\$233,241	\$57,698	\$46,500
1992	1	\$159,355	\$73,732	\$39,000
1993	0	\$154,787	\$71,618	\$39,000
1994	2	\$74,710	\$22,720	\$20,200
1995	1	\$73,667	\$10,951	\$18,000
1996	1	\$64,025	\$13,734	\$16,400
1997	0	\$62,563	\$13,420	\$16,400
1998	0	\$61,607	\$13,215	\$16,400
1999	0	\$60,287	\$12,932	\$16,400
2000	0	\$58,318	\$12,509	\$16,400
2001	0	\$56,715	\$12,166	\$16,400
2002	0	\$55,830	\$11,976	\$16,400
2003	0	\$54,591	\$11,710	\$16,400
2004	0	\$53,167	\$11,404	\$16,400
2005	1	\$18,798	\$18,487	\$14,100
2006	1	\$12,190	\$12,190	\$10,500
2007	1	\$9,072	\$5,853	\$6,100
2008	1	\$6,905	\$845	\$3,500
2009	1	\$7,212	\$849	\$3,500
2010	0	\$7,096	\$835	\$3,500
2011	3	\$14,432	\$4,181	\$7,500
2012	1	\$11,893	\$4,889	\$7,500
2013	1	\$9,247	\$5,470	\$6,800
2014	2	\$7,433	\$1,922	\$4,500
2015	0	\$7,424	\$1,920	\$4,500
2016	1	\$8,090	\$1,517	\$4,900
2017	0	\$7,922	\$1,485	\$4,900
2018	1	\$10,391	\$1,933	\$6,200
2019	1	\$9,731	\$1,424	\$6,400
2020	1	\$8,323	\$1,876	\$6,400
2021	1	\$8,845	\$1,456	\$7,000
2022	2	\$6,946	\$1,348	\$6,100

- Permit values represent averages of all arms-length sale transactions over the year.
- Real permit values were calculated using the 2023 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Emergency Transfers of S02K Permits

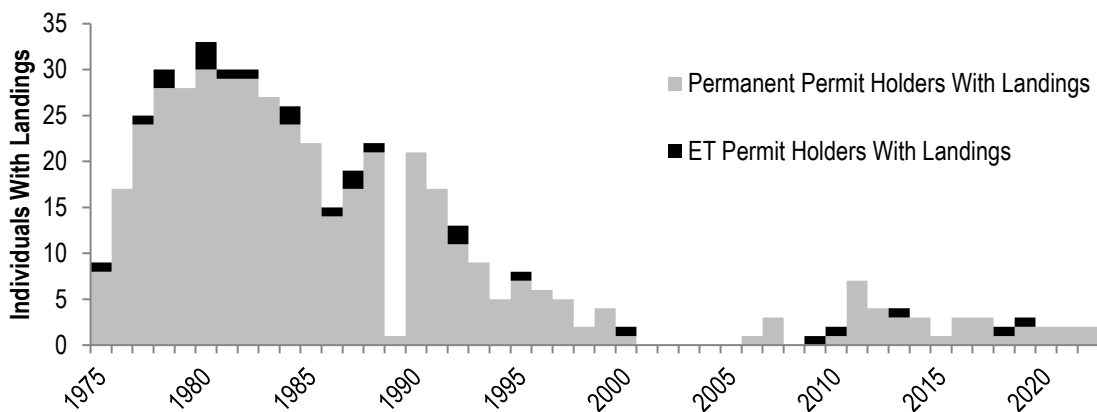
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological, or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert to the permanent permit holder.

Table 20 and Figure 5 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year. Note that only 1 to 3 ET permit holders made landings in any given year when they were used.

Table 20. Use of Emergency Transfer Permits in the Kodiak Beach Seine Fishery, 1975-2022

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	9	1	11.1%	1991	17	0	0.0%	2007	3	0	0.0%
1976	17	0	0.0%	1992	13	2	15.4%	2008	0	0	0.0%
1977	25	1	4.0%	1993	9	0	0.0%	2009	1	1	100.0%
1978	30	2	6.7%	1994	5	0	0.0%	2010	2	1	50.0%
1979	28	0	0.0%	1995	8	1	12.5%	2011	7	0	0.0%
1980	33	3	9.1%	1996	6	0	0.0%	2012	4	0	0.0%
1981	30	1	3.3%	1997	5	0	0.0%	2013	4	1	25.0%
1982	30	1	3.3%	1998	2	0	0.0%	2014	3	0	0.0%
1983	27	0	0.0%	1999	4	0	0.0%	2015	1	0	0.0%
1984	26	2	7.7%	2000	2	1	50.0%	2016	3	0	0.0%
1985	22	0	0.0%	2001	0	0	0.0%	2017	3	0	0.0%
1986	15	1	6.7%	2002	0	0	0.0%	2018	2	1	50.0%
1987	19	2	10.5%	2003	0	0	0.0%	2019	3	1	33.3%
1988	22	1	4.5%	2004	0	0	0.0%	2020	2	0	0.0%
1989	1	0	0.0%	2005	0	0	0.0%	2021	2	0	0.0%
1990	21	0	0.0%	2006	1	0	0.0%	2022	2	0	0.0%

Figure 5. Use of Emergency Transfer Permits in the Kodiak Salmon Beach Seine Fishery, 1975-2022



Latent S02K Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a given year are referred to as "latent" permits for that year.

Table 21 indicates the total number of viable S02K permits issued each year, the number of permits with commercial landings, and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted. Permits used to make commercial landings in dual permit operations are counted as well even if all the landings were recorded on the other permit. The rate of latency is depicted in Figure 6.

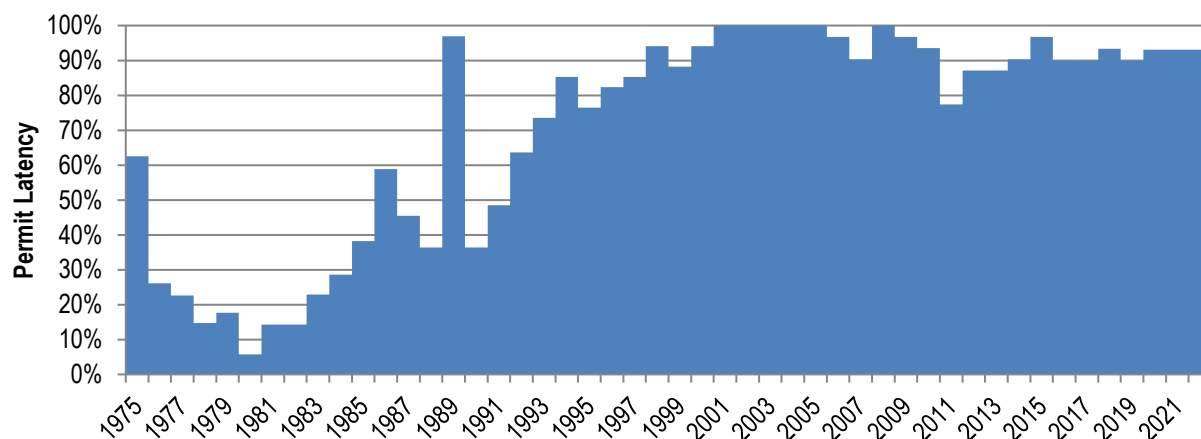
There are many reasons why an individual might not fish in any given year. This table and the following figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 21. Kodiak Salmon Beach Seine Permit Latency, 1975-2022

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	24	9	62.5%	1991	33	17	48.5%	2007	31	3	90.3%
1976	23	17	26.1%	1992	33	12	63.6%	2008	31	0	100.0%
1977	31	24	22.6%	1993	34	9	73.5%	2009	31	1	96.8%
1978	34	29	14.7%	1994	34	5	85.3%	2010	31	2	93.5%
1979	34	28	17.6%	1995	34	8	76.5%	2011	31	7	77.4%
1980	35	33	5.7%	1996	34	6	82.4%	2012	31	4	87.1%
1981	35	30	14.3%	1997	34	5	85.3%	2013	31	4	87.1%
1982	35	30	14.3%	1998	34	2	94.1%	2014	31	3	90.3%
1983	35	27	22.9%	1999	34	4	88.2%	2015	31	1	96.8%
1984	35	25	28.6%	2000	34	2	94.1%	2016	30	3	90.0%
1985	34	21	38.2%	2001	34	0	100.0%	2017	30	3	90.0%
1986	34	14	58.8%	2002	34	0	100.0%	2018	30	2	93.3%
1987	33	18	45.5%	2003	33	0	100.0%	2019	30	3	90.0%
1988	33	21	36.4%	2004	32	0	100.0%	2020	29	2	93.1%
1989	33	1	97.0%	2005	31	0	100.0%	2021	29	2	93.1%
1990	33	21	36.4%	2006	31	1	96.8%	2022	29	2	93.1%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted in the above table.

Figure 6. Kodiak Salmon Beach Seine Permit Latency, 1975-2022



- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

New Entrants into the Kodiak Salmon Beach Seine Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S02K permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1975 to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

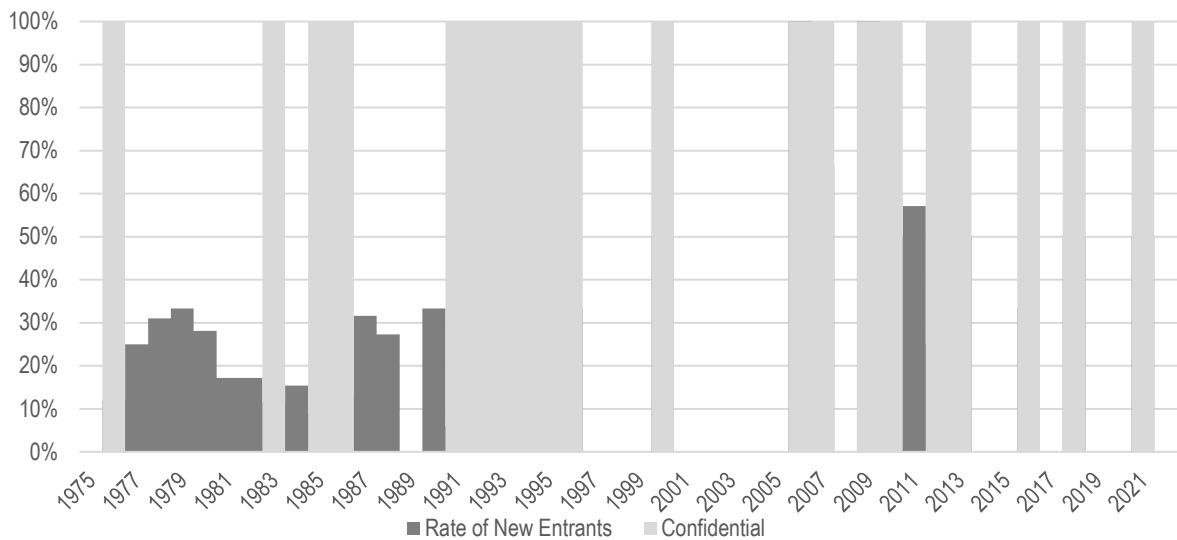
Table 22 and Figure 7 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S02K permit one year, and then in subsequent years hold a different S02K permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing. When fewer than four individuals make landings, values are masked due to confidentiality.

Table 22. New Entrants into the Kodiak Salmon Beach Seine Fishery, 1975-2022

Year	Individuals w/Landings	New Entrants Count	Percent	Year	Individuals w/Landings	New Entrants Count	Percent	Year	Individuals w/Landings	New Entrants Count	Percent
1975	7	0	0.0%	1991	17	1-3	**	2007	3	1-3	**
1976	17	1-3	**	1992	13	1-3	**	2008	0	0	.
1977	24	6	25.0%	1993	9	1-3	**	2009	1	1-3	**
1978	29	9	31.0%	1994	5	1-3	**	2010	2	1-3	**
1979	27	9	33.3%	1995	8	1-3	**	2011	7	4	57.1%
1980	32	9	28.1%	1996	6	1-3	**	2012	4	1-3	**
1981	29	5	17.2%	1997	5	0	0.0%	2013	4	1-3	**
1982	29	5	17.2%	1998	2	0	0.0%	2014	3	0	0.0%
1983	26	1-3	**	1999	4	0	0.0%	2015	1	0	0.0%
1984	26	4	15.4%	2000	2	1-3	**	2016	3	1-3	**
1985	22	1-3	**	2001	0	0	0.0%	2017	3	0	0.0%
1986	15	1-3	**	2002	0	0	0.0%	2018	2	1-3	**
1987	19	6	31.6%	2003	0	0	0.0%	2019	3	0	0.0%
1988	22	6	27.3%	2004	0	0	0.0%	2020	2	0	0.0%
1989	1	0	0.0%	2005	0	0	0.0%	2021	2	1-3	**
1990	21	7	33.3%	2006	1	1-3	**	2022	2	0	0.0%

- New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 7. New Entrants into the Kodiak Salmon Beach Seine Fishery, 1975-2022



Age of S02K Permit Holders

Table 23. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S02K	Kodiak Combined Salmon	Statewide Salmon Purse Seine	Statewide All Permits	Alaska Mean Age
1980	37.3	40.6	37.3	36.8	27.0
1981	36.8	40.6	36.8	37.5	27.1
1982	38.4	40.8	38.4	37.8	27.3
1983	38.2	40.9	38.2	38.1	27.4
1984	38.8	41.2	38.8	38.3	27.5
1985	39.3	41.5	39.3	38.7	27.5
1986	39.4	41.7	39.4	39.0	27.7
1987	40.1	42.0	40.1	39.0	28.0
1988	40.0	42.1	40.0	39.5	28.4
1989	40.9	42.6	40.9	39.8	28.6
1990	40.8	42.9	40.8	40.3	28.8
1991	40.6	43.3	40.6	40.8	29.1
1992	40.2	43.6	40.2	41.2	29.4
1993	41.8	44.1	41.8	42.0	29.7
1994	43.3	44.5	43.3	42.6	30.0
1995	45.0	44.7	45.0	43.2	30.3
1996	45.0	45.1	45.0	43.5	30.7
1997	45.9	45.5	45.9	44.0	31.0
1998	46.9	45.8	46.9	44.6	31.3
1999	47.4	46.2	47.4	45.2	31.7
2000	48.5	46.5	48.5	45.6	31.8
2001	49.5	46.9	49.5	46.1	32.2
2002	50.5	47.5	50.5	46.8	32.5
2003	52.3	48.0	52.3	47.3	32.8
2004	52.7	48.2	52.7	47.8	33.0
2005	53.4	48.3	53.4	48.1	33.3
2006	52.7	48.5	52.7	48.4	33.6
2007	52.3	48.7	52.3	48.7	33.8
2008	52.8	48.8	52.8	49.0	34.1
2009	52.4	49.1	52.4	49.3	34.2
2010	53.8	49.3	53.8	49.7	34.4
2011	50.8	49.4	50.8	50.0	34.3
2012	53.0	49.6	53.0	50.2	34.5
2013	53.7	49.6	53.7	50.6	34.6
2014	53.6	49.8	53.6	50.9	34.9
2015	54.2	50.2	54.2	51.5	35.1
2016	55.2	50.6	55.2	51.8	35.3
2017	55.9	50.9	55.9	52.2	35.5
2018	56.0	51.3	56.0	52.8	35.8
2019	56.1	51.5	56.1	53.0	36.1
2020	56.9	51.9	56.9	53.5	36.3
2021	57.4	52.2	57.4	53.7	36.6
2022	57.3	52.4	57.3	54.2	36.9

- AK mean age data is from the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Table 23 shows the annual mean age of four different cohorts of people: 1) Kodiak salmon beach seine (S02K) permit holders; 2) all three (S01K, S02K, and S04K) Kodiak salmon permit holders; 3) all CFEC limited entry permit holders; and 4) the general Alaskan population.

Note that these figures include the ages of permit holders for both transferable and non-transferable permits; this includes the four non-transferable S02K permits issued. Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan population increased 9.9 years between 1980 and 2022, which represents a 36.5% increase. The percent change in ages over the same period for all CFEC permit holders was 47.2% (17.4 years), and 29.1% (11.8 years) for the combined Kodiak salmon permit holders. For S02K permit holders, the mean age increased 53.4% (20 years).

Kodiak Salmon Beach Seine Vessel Characteristics

Table 24 reports on various vessel characteristics of the Kodiak salmon purse seine fleet since 1978. Reported are the age, length, net tonnage, horsepower, and hold capacity. This data is from the vessel license file which includes voluntarily supplied information on vessels. The first column of each category reports the count of vessels with described characteristics. Statistics reported include the 25th percentile, median, and 75th percentile.

Table 24. Kodiak Salmon Beach Seine Vessel Characteristics

Year	Total Vessel Count	Age in Years			Length in Feet			Horsepower			Hold Capacity (ft ³)						
		Total Count	25%	Median	75%	Total Count	25%	Median	75%	Total Count	25%	Median	75%				
1978	31	28	2	5	14	28	16	19	24	26	40	50	90	10	72	255	600
1979	31	26	2	4	8	26	16	19	24	23	40	50	96	6	32	61	360
1980	40	30	2	4	7	31	17	19	27	27	40	50	106	8	31	205	500
1981	37	28	2	4	8	30	16	21	27	28	40	50	93	7	30	40	500
1982	36	29	2	5	8	30	19	21	24	28	40	53	88	9	40	50	240
1983	28	24	4	7	9	24	20	24	28	23	40	55	135	10	40	160	360
1984	28	19	3	8	10	19	19	22	28	19	40	70	106	8	45	160	480
1985	24	21	4	9	11	21	18	22	28	20	40	55	98	8	55	230	480
1986	17	13	5	8	12	13	18	20	23	13	35	50	65	6	30	65	100
1987	19	19	6	12	20	19	18	21	28	19	40	65	135	8	55	150	600
1988	23	18	5	8	14	18	18	20	22	18	35	50	70	6	30	70	100
1989	1	1	15	15	15	1	16	16	16	1	50	50	50	-	-	-	-
1990	22	21	6	10	11	21	20	22	23	21	40	55	85	6	30	135	365
1991	18	15	8	11	17	16	20	23	24	16	55	78	120	6	50	195	360
1992	13	11	8	11	18	11	20	22	24	11	55	85	140	5	90	200	550
1993	9	8	8	12	17	8	20	22	24	8	45	55	68	2	90	195	300
1994	5	5	11	14	22	5	22	22	25	4	48	83	135	3	90	300	325
1995	8	8	7	13	19	8	18	22	31	7	50	90	160	4	195	313	963
1996	6	6	13	14	24	6	20	22	22	5	40	55	75	3	90	250	325
1997	5	5	14	14	16	5	22	22	23	5	55	90	110	2	90	208	325
1998	2	2	15	21	26	2	22	22	22	2	40	48	55	1	90	90	90
1999	4	4	16	18	24	4	22	22	23	4	40	48	68	1	90	90	90
2000	2	2	17	20	22	2	22	22	22	1	55	55	55	1	90	90	90
2006	1	1	-	-	-	1	40	40	40	-	-	-	-	-	-	-	-
2007	4	3	25	25	31	3	20	30	32	3	10	115	230	2	128	189	250
2009	2	1	5	5	5	1	20	20	20	1	40	40	40	-	-	-	-
2010	3	2	6	13	20	2	20	38	56	2	40	270	500	1	900	900	900
2011	6	6	26	31	39	6	20	25	35	4	70	108	183	3	250	500	5,000
2012	5	5	30	35	40	5	27	28	32	5	100	130	225	3	70	500	3,600
2013	4	4	25	36	41	4	26	30	34	3	100	200	300	2	70	295	520
2014	4	3	32	42	42	3	27	32	35	2	130	215	300	1	70	70	70
2015	1	1	33	33	33	1	32	32	32	1	300	300	300	1	70	70	70
2016	3	3	33	44	68	3	16	35	48	1	115	115	115	-	-	-	-
2017	3	3	35	45	69	3	32	35	48	2	180	240	300	1	70	70	70
2018	2	2	2	19	36	2	32	34	35	2	115	208	300	2	70	1,035	2,000
2019	3	2	-	19	37	2	21	27	32	2	40	170	300	1	70	70	70
2020	2	2	38	42	46	2	32	32	32	1	300	300	300	1	70	70	70
2021	3	2	27	38	49	2	17	22	27	1	130	130	130	1	14	14	14
2022	2	2	28	39	50	2	17	22	27	1	130	130	130	1	14	14	14

Kodiak Salmon Beach Seine (S02K)

Table 25 provides additional Kodiak salmon beach seine vessel characteristics. Included are statistics of engine power type and hull material for each year since 1978.

Table 25. Additional Kodiak Salmon Beach Seine Vessel Characteristics

Year	Total Vessel Count	Engine Power						Hull Material							
		Total Count	Diesel Count	Diesel Percent	Gas Count	Gas Percent	Total Count	Aluminum Count	Aluminum Percent	Fiberglass Count	Fiberglass Percent	Steel Count	Steel Percent	Wood Count	Wood Percent
1978	31	29	5	17.2%	24	82.8%	30	3	10.0%	9	30.0%	0	0.0%	18	60.0%
1979	31	25	4	16.0%	21	84.0%	27	7	25.9%	7	25.9%	0	0.0%	13	48.1%
1980	40	29	5	17.2%	24	82.8%	31	8	25.8%	9	29.0%	0	0.0%	14	45.2%
1981	37	29	6	20.7%	23	79.3%	30	9	30.0%	7	23.3%	0	0.0%	14	46.7%
1982	36	28	3	10.7%	25	89.3%	30	12	40.0%	7	23.3%	1	3.3%	10	33.3%
1983	28	23	5	21.7%	18	78.3%	24	9	37.5%	6	25.0%	2	8.3%	7	29.2%
1984	28	18	4	22.2%	14	77.8%	19	8	42.1%	3	15.8%	1	5.3%	7	36.8%
1985	24	20	4	20.0%	16	80.0%	21	8	38.1%	4	19.0%	1	4.8%	8	38.1%
1986	17	13	0	0.0%	13	100.0%	13	3	23.1%	0	0.0%	0	0.0%	10	76.9%
1987	19	19	3	15.8%	16	84.2%	19	4	21.1%	2	10.5%	0	0.0%	13	68.4%
1988	23	18	0	0.0%	18	100.0%	18	8	44.4%	1	5.6%	0	0.0%	9	50.0%
1989	1	1	0	0.0%	1	100.0%	1	0	0.0%	0	0.0%	0	0.0%	1	100.0%
1990	22	21	2	9.5%	19	90.5%	21	13	61.9%	3	14.3%	0	0.0%	5	23.8%
1991	18	16	2	12.5%	14	87.5%	15	9	60.0%	1	6.7%	0	0.0%	5	33.3%
1992	13	11	2	18.2%	9	81.8%	11	6	54.5%	1	9.1%	0	0.0%	4	36.4%
1993	9	8	0	0.0%	8	100.0%	8	5	62.5%	0	0.0%	0	0.0%	3	37.5%
1994	5	5	1	20.0%	4	80.0%	5	2	40.0%	0	0.0%	0	0.0%	3	60.0%
1995	8	8	2	25.0%	6	75.0%	8	4	50.0%	1	12.5%	0	0.0%	3	37.5%
1996	6	5	1	20.0%	4	80.0%	6	3	50.0%	0	0.0%	0	0.0%	3	50.0%
1997	5	5	1	20.0%	4	80.0%	5	3	60.0%	0	0.0%	0	0.0%	2	40.0%
1998	2	2	0	0.0%	2	100.0%	2	0	0.0%	0	0.0%	0	0.0%	2	100.0%
1999	4	4	0	0.0%	4	100.0%	4	2	50.0%	0	0.0%	0	0.0%	2	50.0%
2000	2	2	0	0.0%	2	100.0%	2	1	50.0%	0	0.0%	0	0.0%	1	50.0%
2006	1	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%
2007	4	3	1	33.3%	2	66.7%	3	1	33.3%	2	66.7%	0	0.0%	0	0.0%
2009	2	1	0	0.0%	1	100.0%	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%
2010	3	2	1	50.0%	1	50.0%	2	0	0.0%	2	100.0%	0	0.0%	0	0.0%
2011	6	6	2	33.3%	4	66.7%	6	3	50.0%	1	16.7%	0	0.0%	2	33.3%
2012	5	5	3	60.0%	2	40.0%	5	3	60.0%	1	20.0%	0	0.0%	1	20.0%
2013	4	4	3	75.0%	1	25.0%	4	2	50.0%	1	25.0%	0	0.0%	1	25.0%
2014	4	3	3	100.0%	0	0.0%	3	1	33.3%	1	33.3%	0	0.0%	1	33.3%
2015	1	1	1	100.0%	0	0.0%	1	1	100.0%	0	0.0%	0	0.0%	0	0.0%
2016	3	3	2	66.7%	1	33.3%	3	1	33.3%	0	0.0%	0	0.0%	2	66.7%
2017	3	3	3	100.0%	0	0.0%	3	1	33.3%	0	0.0%	0	0.0%	2	66.7%
2018	2	2	1	50.0%	1	50.0%	2	1	50.0%	1	50.0%	0	0.0%	0	0.0%
2019	3	2	1	50.0%	1	50.0%	2	1	50.0%	1	50.0%	0	0.0%	0	0.0%
2020	2	2	1	50.0%	1	50.0%	2	1	50.0%	1	50.0%	0	0.0%	0	0.0%
2021	3	2	1	50.0%	1	50.0%	2	0	0.0%	2	100.0%	0	0.0%	0	0.0%
2022	2	2	1	50.0%	1	50.0%	2	0	0.0%	2	100.0%	0	0.0%	0	0.0%

Participation and Earnings

Table 26 reports the number of permits issued, permits with landings, vessels with landings, and estimated gross earnings in the Kodiak salmon beach seine fishery from 1975 to 2022. Note that the figures by permit or vessel in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

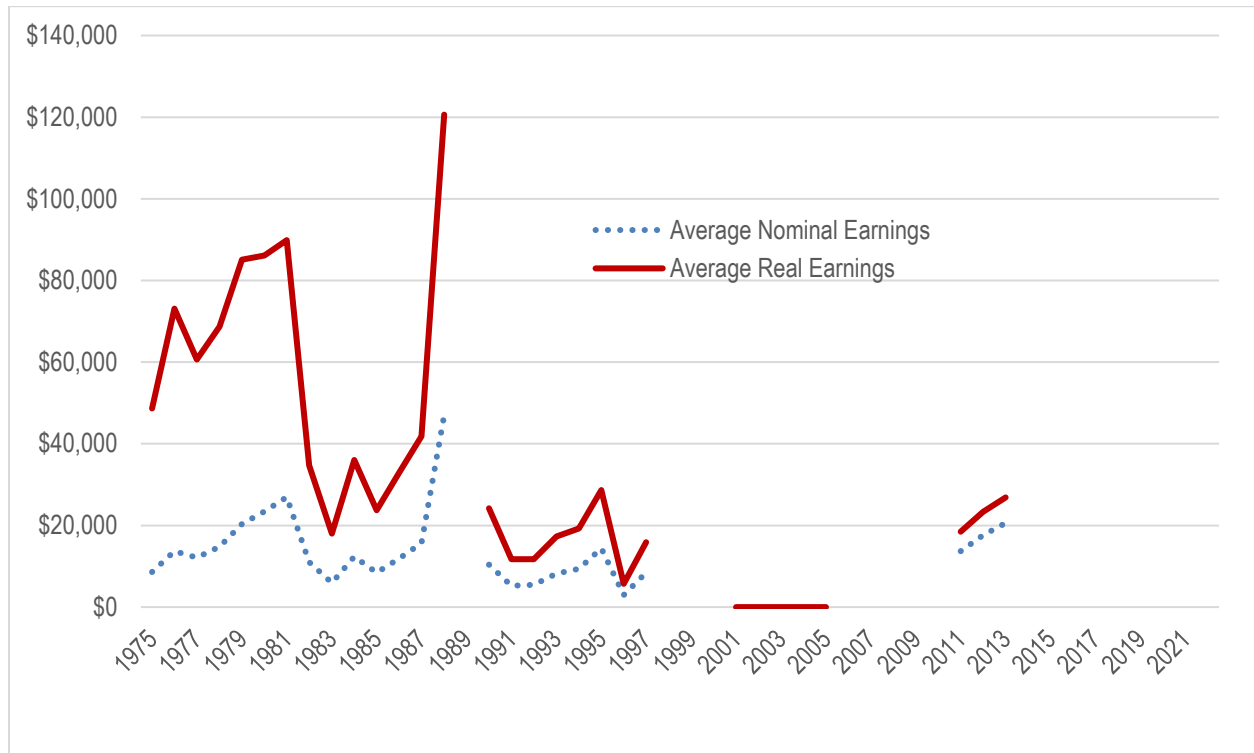
Table 27 reports the number of permit holders (people) and estimated real (inflation adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other for confidentiality.

Table 28 breaks out participation and real earnings by ADF&G salmon district. Note that some permits are used to record landings in more than one district.

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings are shown in Figure 8 for both nominal and real dollars using the 2023 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held was in 1983. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted.

Figure 8. Estimated Nominal and Real Average Gross Earnings Per Kodiak Salmon Beach Seine Permit



- Real earnings are adjusted for inflation using the 2023 U.S. Bureau of Labor Statistics Consumer Price Index.
- Values are masked for confidentiality when only 1 to 3 individuals participated in the fishery.

Kodiak Salmon Beach Seine (S02K)

Table 26. Estimated Total Gross Earnings (Real and Nominal) for the Kodiak Salmon Beach Seine Fishery, With Average Gross (Real) Earnings by Permit and Vessel, 1975-2022

Year	Permits Issued	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	24	\$77,715	\$438,125	9	\$48,681	10	\$77,715
1976	23	\$233,139	\$1,242,933	17	\$73,114	18	\$233,139
1977	31	\$290,572	\$1,454,556	24	\$60,606	25	\$290,572
1978	34	\$428,377	\$1,992,350	29	\$68,702	31	\$428,377
1979	34	\$569,747	\$2,381,792	28	\$85,064	31	\$569,747
1980	35	\$771,721	\$2,841,175	33	\$86,096	40	\$771,721
1981	35	\$808,386	\$2,697,394	30	\$89,913	36	\$790,223
1982	35	\$331,154	\$1,041,145	30	\$34,705	36	\$331,154
1983	35	\$159,783	\$486,721	27	\$18,027	28	\$159,783
1984	35	\$308,513	\$901,024	25	\$36,041	28	\$308,513
1985	34	\$176,498	\$497,819	21	\$23,706	24	\$176,498
1986	34	\$166,303	\$460,326	14	\$32,880	17	\$166,303
1987	33	\$281,953	\$752,855	18	\$41,825	19	\$281,953
1988	33	\$987,351	\$2,533,079	21	\$120,623	23	\$987,351
1989	33	**	**	1-3	**	1-3	**
1990	33	\$218,900	\$508,296	21	\$24,205	22	\$218,900
1991	33	\$89,363	\$199,075	17	\$11,710	18	\$89,363
1992	33	\$65,237	\$141,057	12	\$11,755	13	\$65,237
1993	34	\$74,073	\$155,570	9	\$17,286	9	\$74,073
1994	34	\$46,961	\$96,123	5	\$19,225	5	\$46,961
1995	34	\$115,100	\$229,164	8	\$28,646	8	\$115,100
1996	34	\$17,723	\$34,282	6	\$5,714	6	\$17,723
1997	34	\$42,093	\$79,561	5	\$15,912	5	\$42,093
1998	34	**	**	1-3	**	1-3	**
1999	34	\$29,367	\$53,489	4	\$13,372	4	\$29,367
2000	34	**	**	1-3	**	1-3	**
2001	34	\$0	\$0	0	\$0	0	\$0
2002	34	\$0	\$0	0	\$0	0	\$0
2003	33	\$0	\$0	0	\$0	0	\$0
2004	32	\$0	\$0	0	\$0	0	\$0
2005	31	\$0	\$0	0	\$0	0	\$0
2006	31	**	**	1-3	**	1-3	**
2007	31	**	**	1-3	**	4	\$11,058
2008	31	\$0	\$0	0	\$0	0	\$0
2009	31	**	**	1-3	**	1-3	**
2010	31	**	**	1-3	**	1-3	**
2011	31	\$95,959	\$129,428	7	\$18,490	6	\$95,959
2012	31	\$70,574	\$93,260	4	\$23,315	5	\$70,574
2013	31	\$82,402	\$107,317	4	\$26,829	4	\$82,402
2014	31	**	**	1-3	**	4	\$72,091
2015	31	**	**	1-3	**	1-3	**
2016	30	**	**	1-3	**	1-3	**
2017	30	**	**	1-3	**	1-3	**
2018	30	**	**	1-3	**	1-3	**
2019	30	**	**	1-3	**	1-3	**
2020	29	**	**	1-3	**	1-3	**
2021	29	**	**	1-3	**	1-3	**
2022	29	**	**	1-3	**	1-3	**

• Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.

Kodiak Salmon Beach Seine (S02K)

Table 27. Estimated Real Gross Earnings for Permit Holders in the Kodiak Salmon Beach Seine Fishery by Resident Type, 1975-2022

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	8	\$53,028	\$424,221	0	\$0	\$0	1-3	**	**	9	\$48,681	\$438,125
1976	16	\$76,952	\$1,231,237	0	\$0	\$0	1-3	**	**	17	\$73,114	\$1,242,933
1977	19	\$67,660	\$1,285,536	1-3	**	**	1-3	**	**	25	\$58,182	\$1,454,556
1978	26	\$71,193	\$1,851,019	1-3	**	**	1-3	**	**	30	\$66,412	\$1,992,350
1979	24	\$93,139	\$2,235,330	1-3	**	**	1-3	**	**	28	\$85,064	\$2,381,792
1980	27	\$84,689	\$2,286,595	4	\$81,447	\$325,790	1-3	**	**	33	\$86,096	\$2,841,175
1981	25	\$93,379	\$2,334,464	4	\$73,993	\$295,971	1-3	**	**	30	\$89,913	\$2,697,394
1982	24	\$38,078	\$913,869	5	\$24,220	\$121,102	1-3	**	**	30	\$34,705	\$1,041,145
1983	23	\$17,324	\$398,443	1-3	**	**	1-3	**	**	27	\$18,027	\$486,721
1984	21	\$37,191	\$781,014	1-3	**	**	1-3	**	**	26	\$34,655	\$901,024
1985	19	\$23,591	\$448,221	1-3	**	**	1-3	**	**	22	\$22,628	\$497,819
1986	10	\$34,505	\$345,055	4	\$18,480	\$73,922	1-3	**	**	15	\$30,688	\$460,326
1987	17	\$39,185	\$666,144	1-3	**	**	1-3	**	**	19	\$39,624	\$752,855
1988	19	\$86,452	\$1,642,592	1-3	**	**	1-3	**	**	22	\$115,140	\$2,533,079
1989	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
1990	17	\$21,983	\$373,716	1-3	**	**	1-3	**	**	21	\$24,205	\$508,296
1991	14	\$10,994	\$153,916	1-3	**	**	0	\$0	\$0	17	\$11,710	\$199,075
1992	11	\$11,384	\$125,228	1-3	**	**	0	\$0	\$0	13	\$10,851	\$141,057
1993	8	\$19,147	\$153,178	1-3	**	**	0	\$0	\$0	9	\$17,286	\$155,570
1994	5	\$19,225	\$96,123	0	\$0	\$0	0	\$0	\$0	5	\$19,225	\$96,123
1995	7	\$31,506	\$220,544	1-3	**	**	0	\$0	\$0	8	\$28,646	\$229,164
1996	6	\$5,714	\$34,282	0	\$0	\$0	0	\$0	\$0	6	\$5,714	\$34,282
1997	4	\$17,064	\$68,256	1-3	**	**	0	\$0	\$0	5	\$15,912	\$79,561
1998	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
1999	4	\$13,372	\$53,489	0	\$0	\$0	0	\$0	\$0	4	\$13,372	\$53,489
2000	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2006	0	\$0	\$0	0	\$0	\$0	1-3	**	**	1-3	**	**
2007	1-3	**	**	0	\$0	\$0	1-3	**	**	1-3	**	**
2009	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2010	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2011	5	\$22,167	\$110,837	0	\$0	\$0	1-3	**	**	7	\$18,490	\$129,428
2012	1-3	**	**	0	\$0	\$0	1-3	**	**	1-3	**	**
2013	1-3	**	**	0	\$0	\$0	1-3	**	**	4	\$26,829	\$107,317
2014	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2015	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2016	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2017	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2018	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2019	1-3	**	**	0	\$0	\$0	1-3	**	**	1-3	**	**
2020	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2021	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**
2022	1-3	**	**	0	\$0	\$0	0	\$0	\$0	1-3	**	**

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- When fewer than four permits make landings, earnings are masked due to reasons of confidentiality.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.
- Note that these counts are for individuals, not permits.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

Table 28. Gross Real Earnings for the Kodiak Salmon Beach Seine Fishery by ADF&G Salmon District, 1975 to 2022

Year	Afognak		Northeast		Eastside		Alitak		Southwest		Northwest		Mainland		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
1975	0	\$0	1-3	**	0	\$0	1-3	**	1-3	**	5	\$251,776	0	\$0	9	\$438,125
1976	0	\$0	4	\$115,243	1-3	**	1-3	**	5	\$223,044	9	\$532,100	0	\$0	17	\$1,242,933
1977	1-3	**	9	\$230,254	5	\$125,902	1-3	**	7	\$143,384	13	\$699,854	1-3	**	24	\$1,454,556
1978	9	\$202,526	8	\$194,597	7	\$198,449	6	\$353,842	6	\$433,607	16	\$495,142	0	\$0	29	\$1,992,350
1979	8	\$383,770	8	\$137,450	5	\$145,548	11	\$502,010	8	\$193,302	14	\$882,327	1-3	**	28	\$2,381,792
1980	11	\$441,044	6	\$149,040	1-3	**	11	\$796,446	9	\$523,918	14	\$627,814	1-3	**	33	\$2,841,175
1981	10	\$759,382	7	\$257,343	5	\$31,031	8	\$773,667	1-3	**	15	\$683,621	1-3	**	30	\$2,697,394
1982	11	\$426,269	9	\$149,577	4	\$48,318	9	\$134,618	5	\$74,302	14	\$184,965	4	\$24,716	30	\$1,041,145
1983	7	\$49,017	8	\$63,481	1-3	**	8	\$170,309	1-3	**	13	\$155,033	1-3	**	27	\$486,721
1984	7	\$224,213	5	\$112,782	4	\$58,337	6	\$223,051	5	\$42,469	12	\$225,239	1-3	**	25	\$901,024
1985	9	\$119,953	7	\$34,746	1-3	**	6	\$127,158	1-3	**	12	\$160,803	1-3	**	21	\$497,819
1986	1-3	**	1-3	**	1-3	**	1-3	**	1-3	**	10	\$315,318	1-3	**	14	\$460,326
1987	1-3	**	5	\$195,272	1-3	**	5	\$95,823	5	\$77,585	13	\$379,455	0	\$0	18	\$752,855
1988	1-3	**	5	\$428,375	1-3	**	1-3	**	5	\$328,944	18	\$1,474,392	1-3	**	21	\$2,533,079
1989	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	0	\$0	1-3	**
1990	11	\$76,102	6	\$35,649	1-3	**	1-3	**	1-3	**	15	\$285,512	1-3	**	21	\$508,296
1991	5	\$30,446	5	\$46,810	1-3	**	1-3	**	0	\$0	11	\$99,536	0	\$0	17	\$199,075
1992	5	\$43,648	1-3	**	1-3	**	1-3	**	1-3	**	6	\$47,737	0	\$0	12	\$141,057
1993	1-3	**	4	\$7,560	1-3	**	1-3	**	0	\$0	5	\$126,279	0	\$0	9	\$155,570
1994	1-3	**	1-3	**	0	\$0	0	\$0	0	\$0	4	\$88,459	0	\$0	5	\$96,123
1995	1-3	**	1-3	**	1-3	**	0	\$0	0	\$0	1-3	**	0	\$0	8	\$229,164
1996	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	5	\$27,893	0	\$0	6	\$34,282
1997	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	4	\$78,533	0	\$0	5	\$79,561
1998	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
1999	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	4	\$49,919	0	\$0	4	\$53,489
2000	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2001	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**
2002	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2003	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2004	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2005	1-3	**	1-3	**	1-3	**	0	\$0	0	\$0	5	\$83,630	0	\$0	7	\$129,428
2006	1-3	**	1-3	**	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	4	\$93,260
2007	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	4	\$107,317
2008	1-3	**	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2009	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2010	1-3	**	1-3	**	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**

-continued-

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index. When fewer than four permits make landings, earnings are masked due to reasons of confidentiality. Some permits are used to record landings in more than one district.

Kodiak Salmon Beach Seine (S02K)

Table 28. Gross Real Earnings for the Kodiak Salmon Beach Seine Fishery by ADF&G Salmon District, 1975 to 2022

Year	Afognak		Northeast		Eastside		Alitak		Southwest		Northwest		Mainland		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
2011	1-3	**	0	\$0	1-3	**	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2012	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2013	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2014	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2015	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2016	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	1-3	**	0	\$0	1-3	**
2017	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
2018	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
2019	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
2020	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
2021	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
2022	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index. When fewer than four permits make landings, earnings are masked due to reasons of confidentiality. Some permits are used to record landings in more than one district.

Kodiak Salmon Set Gillnet Fishery

S04K Permit Holdings

Table 29 indicates the initial distribution and historical net changes in permit holdings for the fishery License limitation permits for the Kodiak salmon set gillnet fishery (S04K permits) were first distributed in 1975, when CFEC issued 188 S04K permits. Of this total, Alaska Locals received 65.4% (123/188) of the permits, Nonlocal Alaskans received 7.4% (14/188) and Nonresidents received 27.1% (51/188) of the permits. Every permit issued was a transferable permit.

Table 29. Initial Issuance and Year-end 2022 Totals of Kodiak Salmon Set Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2022 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percent
Local	123	65.4%	38	30.9%	-59	-48.0%	-1	-0.8%	101	54.0%
Nonlocal	14	7.4%	-15	-107.1%	26	185.7%	1	7.1%	26	13.9%
Nonresident	51	27.1%	-23	-45.1%	33	64.7%	-1	-2.0%	60	32.1%
Total	188	100.0%	0	0.0%	0	0.0%	-1	-0.5%	187	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years). This table indicates the extent to which these factors have influenced the net changes in permit holdings in this fishery. Since initial issuance, migration has been the predominant cause for change in residency type among permit holders within the S04K fishery.

Transfers of S04K Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.⁷ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 30. Transfer Acquisition Methods for Kodiak Salmon Set Gillnet Permits, 1980-2022

Acquisition Method	Kodiak Salmon Set Gillnet		Kodiak Salmon Combined		Statewide Salmon Set Gillnet		Statewide All Fisheries	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	799	68.5%	1,123	45.4%	6,857	51.2%	13,760	32.7%
Sale	290	24.9%	1,155	46.7%	5,127	38.3%	24,659	58.5%
Trade	8	0.7%	28	1.1%	97	0.7%	535	1.3%
Other	69	5.9%	166	6.7%	1,299	9.7%	3,183	7.6%
Total	1,166	100.0%	2,472	100.0%	13,380	100.0%	42,137	100.0%

Table 30 presents transfer acquisition methods for S04K permits, all three Kodiak salmon permit types combined, statewide salmon set gillnet permits, and all limited entry permits between 1980 and 2022. The majority of S04K permit transfers were gifts (68.5%), then sales (24.9%), and a smaller percentage were trades (0.7%) or other (5.9%). The annual acquisition methods for limited S04K permits have not changed substantially since 1980.⁸

Table 31. Relationships of Transferor to Transfer Recipients for Kodiak Salmon Set Gillnet Permit, 1980-2022

Relationship	Kodiak Salmon Set Gillnet		Kodiak Salmon Combined		Statewide Salmon Set Gillnet		Statewide All Fisheries	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	411	35.2%	680	27.5%	2,704	20.2%	7,896	18.7%
Member of Immediate Family	490	42.0%	831	33.6%	6,419	48.0%	14,133	33.5%
Other Relative	89	7.6%	139	5.6%	926	6.9%	1,878	4.5%
Other	176	15.1%	822	33.3%	3,331	24.9%	18,230	43.3%
Total	1,166	100.0%	2,472	100.0%	13,380	100.0%	42,137	100.0%

Table 31 shows the relationships between the transferors and transfer recipients for S04K permits, all three Kodiak salmon permit types combined, statewide salmon set gillnet permits, and all limited entry permits from 1980 to 2022. Permit transfers between immediate family members accounted for 42% of all Kodiak salmon set gillnet transfers, 39.2% (970/2,472) in all three Kodiak salmon fisheries, 54.9% (7,345/13,380) in Statewide Salmon Set Gillnet, and 38% (16,011/42,137) in All Fisheries Statewide.

⁷ CFEC implemented the transfer survey in 1980.

⁸ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2022*, CFEC Report No. 23-2N.

S04K Permit Value

Many permit transfers are non-monetary transactions (see Table 30). Table 32 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 32. CFEC Estimated Value of Kodiak Salmon Set Gillnet Permits

Year	S04K Permit Sales	Permit Value	Standard Deviation (Real)	Nominal Value
1987	8	\$158,300	\$18,400	\$60,100
1988	0	\$129,400	\$75,400	\$50,500
1989	1	\$178,400	\$19,900	\$72,300
1990	3	\$228,800	\$40,200	\$97,500
1991	2	\$212,900	\$23,400	\$95,000
1992	7	\$236,800	\$29,000	\$111,100
1993	8	\$231,800	\$23,900	\$111,900
1994	5	\$197,900	\$11,600	\$98,000
1995	4	\$181,800	\$76,600	\$92,600
1996	4	\$184,200	\$19,500	\$96,600
1997	5	\$192,000	\$19,000	\$103,000
1998	7	\$164,700	\$65,700	\$89,700
1999	7	\$177,400	\$12,500	\$98,800
2000	6	\$187,300	\$31,200	\$107,800
2001	1	\$183,100	\$48,400	\$104,200
2002	4	\$101,500	\$27,200	\$61,000
2003	4	\$64,200	\$9,600	\$39,500
2004	4	\$70,300	\$5,900	\$44,400
2005	3	\$63,300	\$2,500	\$41,000
2006	5	\$67,400	\$8,200	\$45,400
2007	2	\$68,900	\$5,600	\$48,100
2008	7	\$82,800	\$13,300	\$59,600
2009	5	\$84,200	\$5,500	\$60,400
2010	5	\$97,000	\$7,400	\$70,700
2011	7	\$99,300	\$4,300	\$74,700
2012	6	\$100,600	\$4,600	\$77,200
2013	3	\$102,000	\$4,100	\$80,000
2014	4	\$97,900	\$3,200	\$77,500
2015	0	\$97,900	\$3,200	\$77,500
2016	0	\$97,900	\$3,200	\$77,500
2017	0	\$97,900	\$3,200	\$77,500
2018	1	\$66,300	\$28,400	\$67,500
2019	1	\$70,100	\$19,600	\$63,100
2020	3	\$75,800	\$2,500	\$65,100
2021	3	\$72,000	\$1,400	\$64,500
2022	6	\$67,600	\$900	\$66,200

- Permit values represent averages of all arms-length sale transactions over the year. Real permit values were calculated using the 2023 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Emergency Transfers of S04K Permits

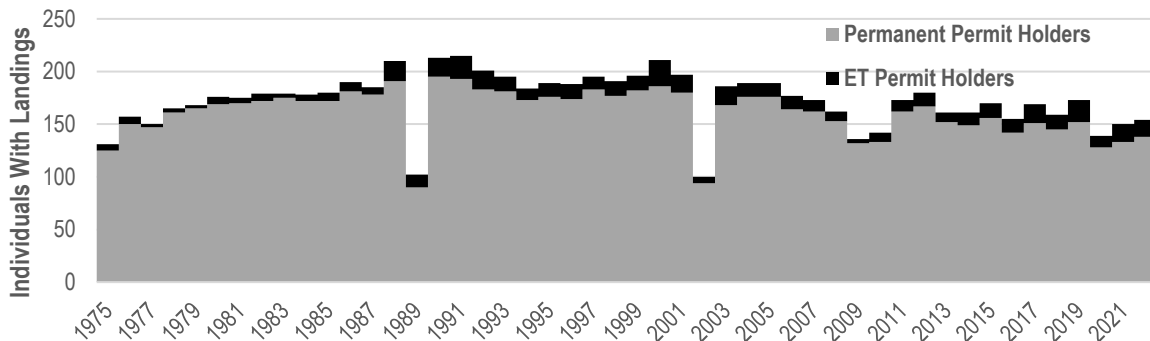
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological, or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert to the permanent permit holder.

Table 33 and Figure 9 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year.

Table 33. Use of Emergency Transfer Permits in the Kodiak Salmon Set Gillnet Fishery, 1975-2022

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	125	6	4.8%
1976	150	7	4.7%
1977	147	3	2.0%
1978	161	4	2.5%
1979	165	3	1.8%
1980	169	7	4.1%
1981	170	5	2.9%
1982	172	7	4.1%
1983	175	4	2.3%
1984	172	6	3.5%
1985	172	8	4.7%
1986	181	9	5.0%
1987	178	7	3.9%
1988	191	19	9.9%
1989	90	12	13.3%
1990	195	18	9.2%
1991	193	22	11.4%
1992	183	18	9.8%
1993	181	14	7.7%
1994	173	11	6.4%
1995	176	13	7.4%
1996	174	14	8.0%
1997	183	12	6.6%
1998	177	14	7.9%
1999	182	14	7.7%
2000	186	25	13.4%
2001	180	17	9.4%
2002	94	6	6.4%
2003	168	18	10.7%
2004	176	13	7.4%
2005	176	13	7.4%
2006	164	13	7.9%
2007	162	11	6.8%
2008	153	9	5.9%
2009	132	4	3.0%
2010	133	9	6.8%
2011	162	11	6.8%
2012	167	13	7.8%
2013	152	9	5.9%
2014	149	12	8.1%
2015	156	14	9.0%
2016	142	13	9.2%
2017	151	18	11.9%
2018	145	14	9.7%
2019	152	21	13.8%
2020	128	11	8.6%
2021	133	17	12.8%
2022	138	16	11.6%

Figure 9. Use of Emergency Transfer Permits in the Kodiak Salmon Set Gillnet Fishery, 1975-2022



DNR Shore Fishery Leases in the Kodiak Salmon Set Gillnet Fishery

The Alaska Department of Natural Resources (DNR) administers a shore fishery lease program for the use of state owned and managed tidelands by S04K permit holders. A shore fishery lease grants permit holders the first right of priority to fish a tract of tidelands but is not a requirement to commercially fish. In Kodiak, the DNR shore fishery lease program allows a permit holder to operate up to two nets with an aggregate of no more than 150 fathoms of length.⁹ Additional information regarding DNR shore fishery leases can be found in CFEC publication 23-5N.¹⁰ Please see Appendix A for a snapshot of DNR shore fishery sites in Kodiak.

The total number of Kodiak salmon set gillnet permits, permits with landings, and permits with a DNR shore fishery lease as of December 31st of each year is reported by ADF&G salmon district in Table 34. While there are no restrictions as to which district an S04K permit can be used to make landings, the majority of S04K permit holders typically did not make landings in more than one district. Data is reported as it was documented in ADF&G fish tickets and from the DNR online Land Administration System.

Table 34. Kodiak Salmon Set Gillnet DNR Shore Fishery Leases by District

Year	Permits Issued	Permits With Landings	Permits With DNR Lease	Alitak Bay District			Northwest District		
				With DNR Lease	Permits With Landings	Total Permits	With DNR Lease	Permits With Landings	Total Permits
1975	192	122	0	0	45	45	0	71	71
1976	186	148	0	0	55	55	0	84	84
1977	186	147	0	0	55	55	0	89	89
1978	187	160	0	0	61	61	0	91	91
1979	186	164	12	2	61	61	10	92	94
1980	187	168	34	16	64	64	18	90	92
1981	187	169	45	21	64	64	24	94	97
1982	187	170	52	24	66	66	28	107	110
1983	188	174	51	24	68	68	27	106	110
1984	188	168	49	22	70	70	27	105	107
1985	188	169	51	25	74	75	26	102	106
1986	187	174	66	30	78	78	36	110	113
1987	188	173	80	37	73	77	43	102	103
1988	188	179	99	49	80	81	50	104	106
1989	189	87	99	54	87	89	45	0	45
1990	189	184	84	44	90	90	40	105	108
1991	189	185	79	41	86	87	38	101	104
1992	189	178	104	63	79	85	41	103	107
1993	190	176	114	67	76	83	47	102	107
1994	190	169	120	69	74	81	52	98	105
1995	189	173	120	70	75	82	52	99	105
1996	189	172	123	75	80	84	51	94	100
1997	188	174	127	76	78	85	53	98	102
1998	188	171	124	75	77	84	51	96	101
1999	188	173	117	71	76	84	49	101	102
2000	188	172	119	72	76	84	49	98	103
2001	188	172	116	71	77	81	47	96	99
2002	188	93	109	70	0	70	40	93	97
2003	188	161	108	68	65	79	41	96	98
2004	188	164	107	66	71	80	41	93	95
2005	188	165	108	66	72	79	42	93	97
2006	188	153	110	67	60	77	43	93	98
2007	188	157	107	65	58	74	42	99	103
2008	188	165	105	62	66	76	43	99	103
2009	188	167	104	62	66	74	42	101	105
2010	188	174	104	63	71	78	41	104	107

-continued-

⁹ See 11 AAC 18.331(a).

¹⁰ See *CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2022*. CFEC Report No. 23-5N.

Table 34. Kodiak Salmon Set Gillnet DNR Show Fishery Leases by District

Year	Permits Issued	Permits With Landings	Permits With DNR Lease	Alitak Bay District			Northwest District		
				With DNR Lease	Permits With Landings	Year	Permits Issued	Permits With Landings	Permits With DNR Lease
2011	188	157	110	63	66	74	47	91	96
2012	188	164	103	62	65	75	41	99	101
2013	188	152	102	62	58	73	40	95	95
2014	188	146	100	60	49	70	40	97	97
2015	189	154	100	60	59	73	40	95	96
2016	189	137	98	58	53	71	40	84	86
2017	189	143	98	58	50	71	40	93	94
2018	189	140	93	55	43	68	38	97	98
2019	189	149	89	51	51	68	38	98	99
2020	189	126	91	52	41	67	39	85	92
2021	190	130	90	52	45	69	38	85	96
2022	189	137	76	43	55	67	33	82	90

Latent S04K Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a given year are referred to as "latent" permits for that year.

Table 35 indicates the total number of viable S04K permits issued each year, the number of permits with commercial landings, and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted.

Several complications make it difficult to accurately count the number of latent permits; therefore, the figures should be viewed with caution.

First, some permits could be active in the fishery but might not be used to record landings. This can occur when permit holders fish in a group, especially among family or friends, and the group records their landings on only one, or some, of the group's permits. Although this practice is not legal,¹¹ it allegedly occurs in the set gillnet fisheries at a rate higher than in other fisheries. The effect would be to under-count the number of permits active in the fishery, and over-estimate the latency rate.

Secondly, individuals who hold a DNR Shore Fishery Lease are generally required by regulation to fish at least four openings in years when they hold a lease.¹² The 'Landings and/or DNR lease' column counts permits associated with either a DNR Shore Fishery Lease or a commercial landing.

There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency. The actual annual rate of latency likely lies between the rates given in this table.

¹¹ See AS 16.05.680 (b) and AS 16.05.690 (b).

¹² See 11 AAC 64.18

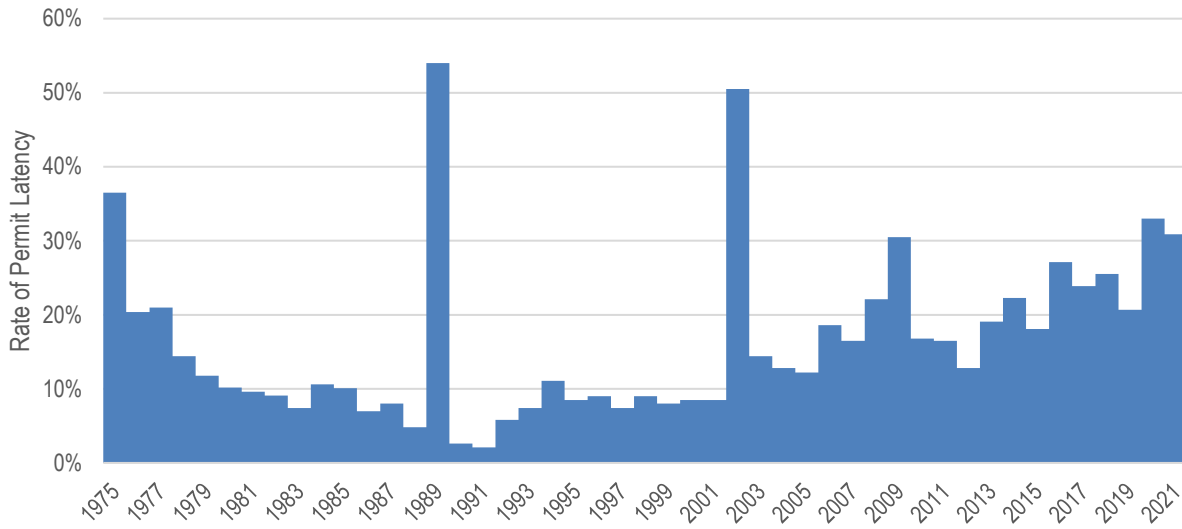
Kodiak Salmon Set Gillnet (S04K)

Table 35. Kodiak Salmon Set Gillnet Permit Latency, 1975-2022

Year	Total Permits Issued	Permits With Landings		Permit Landings, and/or DNR Lease	
		Count	Latency	Count	Latency
1975	192	122	36.5%	122	36.5%
1976	186	148	20.4%	148	20.4%
1977	186	147	21.0%	147	21.0%
1978	187	160	14.4%	160	14.4%
1979	186	164	11.8%	165	11.3%
1980	187	168	10.2%	169	9.6%
1981	187	169	9.6%	171	8.6%
1982	187	170	9.1%	173	7.5%
1983	188	174	7.4%	177	5.9%
1984	188	168	10.6%	170	9.6%
1985	188	169	10.1%	174	7.4%
1986	187	174	7.0%	177	5.3%
1987	188	173	8.0%	178	5.3%
1988	188	179	4.8%	182	3.2%
1989	189	87	54.0%	128	32.3%
1990	189	184	2.6%	185	2.1%
1991	189	185	2.1%	186	1.6%
1992	189	178	5.8%	186	1.6%
1993	190	176	7.4%	185	2.6%
1994	190	169	11.1%	181	4.7%
1995	189	173	8.5%	183	3.2%
1996	189	172	9.0%	180	4.8%
1997	188	174	7.4%	183	2.7%
1998	188	171	9.0%	181	3.7%
1999	188	173	8.0%	180	4.3%
2000	188	172	8.5%	181	3.7%
2001	188	172	8.5%	177	5.9%
2002	188	93	50.5%	164	12.8%
2003	188	161	14.4%	173	8.0%
2004	188	164	12.8%	174	7.4%
2005	188	165	12.2%	175	6.9%
2006	188	153	18.6%	173	8.0%
2007	188	157	16.5%	175	6.9%
2008	190	148	22.1%	167	12.1%
2009	190	132	30.5%	160	15.8%
2010	190	158	16.8%	172	9.5%
2011	188	157	16.5%	168	10.6%
2012	188	164	12.8%	174	7.4%
2013	188	152	19.1%	166	11.7%
2014	188	146	22.3%	166	11.7%
2015	188	154	18.1%	167	11.2%
2016	188	137	27.1%	156	17.0%
2017	188	143	23.9%	163	13.3%
2018	188	140	25.5%	164	12.8%
2019	188	149	20.7%	188	14.9%
2020	188	126	33.0%	188	12.6%
2021	188	130	30.9%	188	13.0%
2022	187	137	26.7%	187	13.7%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted.
- 'Permits with Landings' is the number of CFEC permits that were used to record commercial landings in that year.
- 'Permit Landings and/or DNR Lease' is the number of CFEC permits that were used to record a landing, were associated with a DNR shore fishery lease, or both.

Figure 10. Kodiak Salmon Set Gillnet Permit Latency Rate, 1975 – 2022



New Entrants into the Kodiak Salmon Set Gillnet Fishery

New entrants are defined as individuals who, for the first time, record a landing on a permanent S04K permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1975 to become an initial permit holder of a limited entry permit.

Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

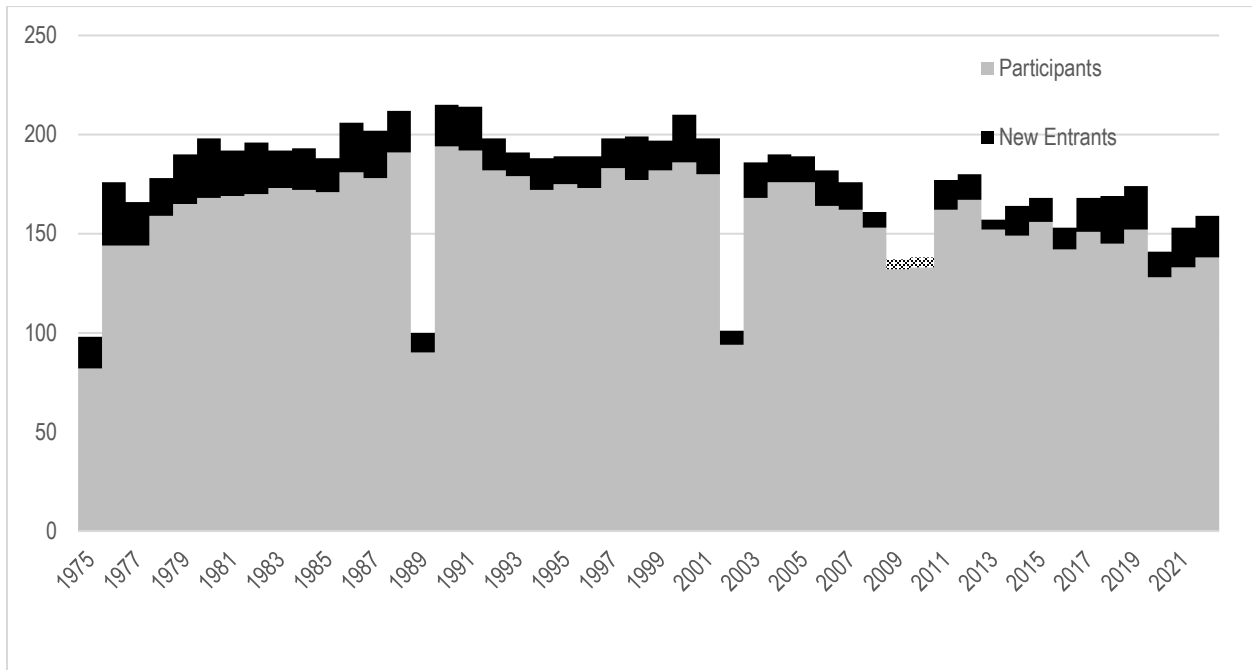
Table 36 and Figure 11 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them except for 2008, 2009, and 2010 when the Board of Fisheries allowed for stacking of S04K permits. An individual may hold one S04K permit one year, and then in subsequent years hold a different S04K permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

Table 36. New Entrants into the Kodiak Salmon Set Gillnet Fishery, 1975-2022

Year	Individuals w/Landings	New Entrants		Year	Individuals w/Landings	New Entrants		Year	Individuals w/Landings	New Entrants		Year	Individuals w/Landings	New Entrants	
		Count	Percent			Count	Percent			Count	Percent			Count	Percent
1975	100	16	16.0%	1987	178	24	13.5%	1999	182	15	8.2%	2011	162	15	9.3%
1976	144	32	22.2%	1988	191	21	11.0%	2000	186	24	12.9%	2012	167	13	7.8%
1977	144	22	15.3%	1989	90	10	11.1%	2001	180	18	10.0%	2013	152	5	3.3%
1978	160	19	11.9%	1990	194	21	10.8%	2002	94	7	7.4%	2014	149	15	10.1%
1979	165	25	15.2%	1991	192	22	11.5%	2003	168	18	10.7%	2015	156	12	7.7%
1980	168	30	17.9%	1992	182	16	8.8%	2004	176	14	8.0%	2016	142	11	7.7%
1981	169	23	13.6%	1993	179	12	6.7%	2005	176	13	7.4%	2017	151	17	11.3%
1982	170	26	15.3%	1994	172	16	9.3%	2006	164	18	11.0%	2018	145	24	16.6%
1983	173	19	11.0%	1995	175	14	8.0%	2007	162	14	8.6%	2019	152	22	14.5%
1984	172	21	12.2%	1996	173	16	9.2%	2008	153	8	5.2%	2020	128	13	10.2%
1985	171	17	9.9%	1997	183	15	8.2%	2009	132	2	1.5%	2021	133	20	15.0%
1986	181	25	13.8%	1998	177	22	12.4%	2010	133	3	2.3%	2022	138	21	15.2%

• New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 11. New Entrants into the Kodiak Salmon Set Gillnet Fishery, 1975-2022



Age of S04K Permit Holders

Table 37. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S04K	Combined Kodiak	Statewide Salmon Set Gillnet	Statewide All Permits	AK Mean Age
1980	38.1	40.6	37.9	36.8	27.0
1981	38.2	40.6	38.0	37.5	27.1
1982	38.5	40.8	38.2	37.8	27.3
1983	39.1	40.9	38.0	38.1	27.4
1984	39.0	41.2	38.2	38.3	27.5
1985	39.6	41.5	38.5	38.7	27.5
1986	40.0	41.7	38.8	39.0	27.7
1987	39.6	42.0	39.0	39.0	28.0
1988	41.0	42.1	39.3	39.5	28.4
1989	41.0	42.6	39.9	39.8	28.6
1990	41.6	42.9	40.0	40.3	28.8
1991	41.2	43.3	40.5	40.8	29.1
1992	41.1	43.6	40.8	41.2	29.4
1993	41.8	44.1	41.2	42.0	29.7
1994	42.6	44.5	41.5	42.6	30.0
1995	43.5	44.7	41.9	43.2	30.3
1996	43.8	45.1	42.3	43.5	30.7
1997	43.6	45.5	42.6	44.0	31.0
1998	43.9	45.8	43.1	44.6	31.3
1999	43.5	46.2	43.4	45.2	31.7
2000	44.1	46.5	43.7	45.6	31.8
2001	44.8	46.9	44.1	46.1	32.2
2002	45.3	47.5	44.8	46.8	32.5
2003	45.8	48.0	45.2	47.3	32.8
2004	46.2	48.2	45.4	47.8	33.0
2005	46.4	48.3	45.4	48.1	33.3
2006	45.9	48.5	45.6	48.4	33.6
2007	46.6	48.7	45.9	48.7	33.8
2008	46.8	48.8	45.9	49.0	34.1
2009	48.6	49.1	46.1	49.3	34.2
2010	49.0	49.3	46.3	49.7	34.4
2011	48.4	49.4	46.6	50.0	34.3
2012	49.5	49.6	47.0	50.2	34.5
2013	49.6	49.6	47.0	50.6	34.6
2014	50.2	49.8	47.2	50.9	34.9
2015	50.4	50.2	47.6	51.5	35.1
2016	50.3	50.6	48.0	51.8	35.3
2017	51.4	50.9	48.2	52.2	35.5
2018	51.0	51.3	48.4	52.8	35.8
2019	51.1	51.5	48.8	53.0	36.1
2020	51.6	51.9	49.2	53.5	36.3
2021	51.8	52.2	49.5	53.7	36.6
2022	51.4	52.4	49.9	54.2	36.9

- AK mean age data is from the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Table 37 shows the annual mean age of five different cohorts of people: 1) Kodiak salmon set gillnet (S04K) permit holders; 2) all three (S01K, S02K, and S04K) Kodiak salmon permit holders; 3) statewide salmon set gillnet permit holders; 4) all CFEC limited entry permit holders; and 5) the general Alaskan population.

Note that these figures include the ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S04K permits issued. Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan population increased 9.9 years between 1980 and 2022, which represents a 36.5% increase. The percent change in ages over the same period for all CFEC permit holders was 47.2% (17.4 years), and 29.1% (11.8 years) for the combined Kodiak salmon permit holders. For S04K permit holders, the mean age increased 34.9% (13.3 years).

S04K Permit Stacking

In 2002, the Alaska Legislature amended Alaska Statute 16.43.140 (c) to allow for individuals to hold two salmon permits. In 2006, the legislature passed House Bill 251 which allows the Board of Fisheries the authority to grant fishing privileges to the second permit held by an individual. From 2008 through 2010, the Alaska Board of Fisheries allowed for stacked permit operations in the Kodiak salmon set gillnet fishery.¹³ A stacked permit operation is where an individual who holds two permits is allowed to fish up to two full complements of gear. A single permit operation is where an individual holds one permit and fishes only one complement of gear.

Reporting on counts of stacked permit operations is not a simple task due to the transferability of S04K permits. Permits can change hands multiple times throughout the year. An individual may start as a single permit operation at the beginning of season, then fish as a stacked operation after acquiring a second permit midseason. An individual in a stacked permit operation might use an Emergency Transfer permit for part of the season, and then have a permanently held second permit for the rest of the season.

Table 38 provides data on participation in stacked permit operations. Note that this table reports on individuals and not permits. Earnings are adjusted for inflation using the U.S. Bureau of Labor Statistics 2023 Consumer Price Index.

Table 38. Kodiak Salmon Set Gillnet Participation, Effort, and Real Earnings by Operation Type, 2008-2010

Year	Operation Type	Individuals with Landings	Percent of Total Individuals	Effort	Total Ex-vessel Value	Percent of Total Ex-vessel Value	Average Ex-vessel Value
2008	Stacked	22	14.4%	44	\$2,503,875	21.1%	\$113,813
	Single	131	85.6%	131	\$9,343,613	78.9%	\$71,325
	Combined	153	100.0%	175	\$11,847,488	100.0%	\$77,435
2009	Stacked	38	28.8%	76	\$4,900,787	42.9%	\$128,968
	Single	94	71.2%	94	\$6,517,311	57.1%	\$69,334
	Combined	132	100.0%	170	\$11,418,098	100.0%	\$86,500
2010	Stacked	42	31.6%	84	\$3,316,633	49.9%	\$78,967
	Single	91	68.4%	91	\$3,332,177	50.1%	\$36,617
	Combined	133	100.0%	175	\$6,648,811	100.0%	\$49,991

- Individuals are counted as being in stacked permit operations when they made at least one landing while holding two permits.
- Earnings are adjusted for inflation using the U.S. Bureau of Labor Statistics 2023 Consumer Price Index.

For additional information regarding permit stacking in the Kodiak salmon set gillnet fishery, please see CFEC report 13-4N, *Kodiak Salmon Set Gillnet Permit Stacking*.

¹³ See 5 AAC 18.331.

Participation and Earnings

Table 39 reports the number of permits, permits with landings, and estimated gross earnings in the Kodiak salmon set gillnet fishery from 1975 to 2023. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

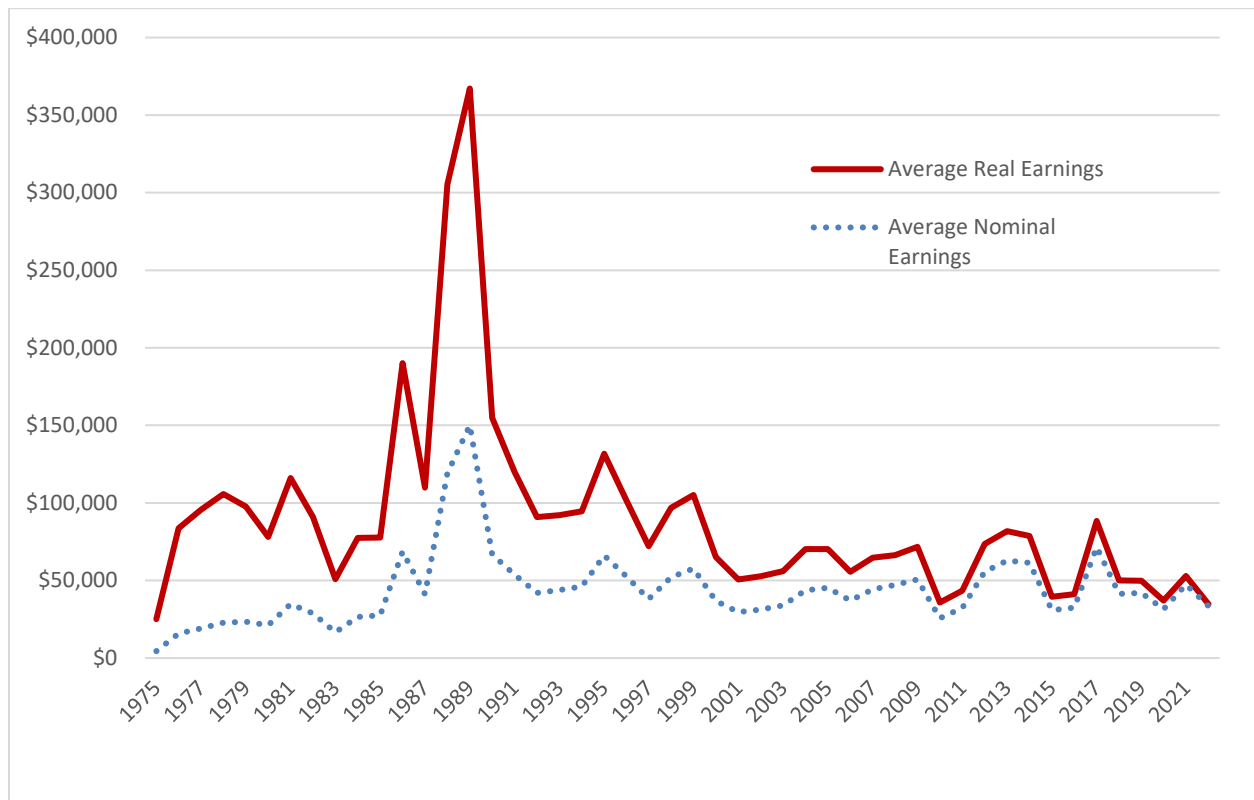
Table 40 reports the number of permit holders (people) and estimated real (inflation adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 41 breaks out participation and real earnings by ADF&G salmon district. Note that some permits are used to record landings in more than one district.

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings are shown in Figure 12 for both nominal and real dollars using the 2023 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held was in 1996. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted.

Figure 12. Estimated Nominal and Real Average Gross Earnings Per Kodiak Salmon Set Gillnet Permit



- Real earnings are adjusted for inflation using the 2023 U.S. Bureau of Labor Statistics Consumer Price Index.

Kodiak Salmon Set Gillnet (S04K)

Table 39. Estimated Total Gross Earnings (Real and Nominal) for the Kodiak Salmon Set Gillnet Fishery, With Average Gross Earnings (Real) by Permit, 1975-2022

Year	Permits Issued	Permits With Landings	Total Gross Earnings		
			Nominal Gross Earnings	Real Gross Earnings	Average Real Earnings
1975	192	122	\$543,157	\$3,062,087	\$25,099
1976	186	148	\$2,324,770	\$12,394,038	\$83,743
1977	186	147	\$2,810,215	\$14,067,472	\$95,697
1978	187	160	\$3,633,828	\$16,900,658	\$105,629
1979	186	164	\$3,831,508	\$16,017,381	\$97,667
1980	187	168	\$3,564,165	\$13,121,861	\$78,106
1981	187	169	\$5,878,740	\$19,342,741	\$116,071
1982	187	170	\$4,911,167	\$15,440,672	\$90,827
1983	188	174	\$2,903,905	\$8,844,696	\$50,837
1984	188	168	\$4,460,790	\$13,025,767	\$77,547
1985	188	169	\$4,650,350	\$13,116,461	\$77,612
1986	187	174	\$11,953,886	\$33,088,289	\$190,163
1987	188	173	\$7,121,132	\$19,014,457	\$109,910
1988	188	179	\$21,309,576	\$54,670,348	\$305,421
1989	189	87	\$13,051,018	\$31,940,980	\$367,138
1990	189	184	\$12,275,540	\$28,504,424	\$154,915
1991	189	185	\$9,956,102	\$22,179,287	\$119,888
1992	189	178	\$7,473,098	\$16,158,469	\$90,778
1993	190	176	\$7,724,543	\$16,223,291	\$92,178
1994	190	169	\$7,805,959	\$15,977,675	\$94,542
1995	189	173	\$11,446,588	\$22,790,158	\$131,735
1996	189	172	\$9,052,730	\$17,510,713	\$101,806
1997	188	174	\$6,635,516	\$12,541,901	\$72,080
1998	188	171	\$8,900,235	\$16,565,343	\$96,873
1999	188	173	\$9,989,759	\$18,195,079	\$105,174
2000	188	172	\$6,350,831	\$11,189,384	\$65,055
2001	188	172	\$5,076,627	\$8,698,556	\$50,573
2002	188	93	\$2,903,734	\$686,509	\$52,664
2003	188	161	\$5,459,822	\$8,996,160	\$55,930
2004	188	164	\$7,167,694	\$11,513,161	\$70,202
2005	188	165	\$7,465,694	\$11,598,325	\$70,293
2006	188	153	\$5,655,915	\$8,512,147	\$55,635
2007	188	157	\$6,933,209	\$10,145,068	\$64,618
2008	188	148	\$6,969,122	\$9,820,594	\$66,355
2009	188	132	\$6,694,641	\$9,467,468	\$71,723
2010	188	158	\$4,066,301	\$5,657,718	\$35,808
2011	188	157	\$5,055,418	\$6,818,688	\$43,431
2012	188	164	\$9,116,968	\$12,047,552	\$73,461
2013	188	152	\$9,545,201	\$12,431,340	\$81,785
2014	188	146	\$8,959,918	\$11,482,811	\$78,649
2015	188	154	\$4,752,798	\$6,083,851	\$39,506
2016	188	137	\$4,466,459	\$5,646,091	\$41,212
2017	188	143	\$10,215,249	\$12,643,862	\$88,419
2018	188	140	\$5,788,696	\$6,994,086	\$49,958
2019	188	149	\$6,250,077	\$7,417,128	\$49,779
2020	188	126	\$3,977,283	\$4,662,429	\$37,003
2021	188	130	\$6,143,250	\$6,878,380	\$52,911
2022	187	137	\$4,597,947	\$4,766,690	\$34,793

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.
- Note that these counts are for individuals, not permits.
- All permits used in stacked permit operations are counted even if landings were documented on only one of the two permits.

Kodiak Salmon Set Gillnet (S04K)

Table 40. Estimated Real Gross Earnings for Permit Holders in the Kodiak Salmon Set Gillnet Fishery by Resident Type, 1975-2022

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	89	\$25,126	\$2,236,238	7	\$15,823	\$110,763	29	\$24,658	\$715,086	125	\$24,497	\$3,062,087
1976	110	\$73,709	\$8,107,953	5	\$84,694	\$423,469	35	\$110,360	\$3,862,616	150	\$82,627	\$12,394,038
1977	99	\$96,646	\$9,567,936	10	\$51,725	\$517,253	38	\$104,797	\$3,982,284	147	\$95,697	\$14,067,472
1978	113	\$97,563	\$11,024,673	10	\$78,513	\$785,133	38	\$133,970	\$5,090,852	161	\$104,973	\$16,900,658
1979	112	\$92,188	\$10,325,068	13	\$80,972	\$1,052,641	40	\$115,992	\$4,639,672	165	\$97,075	\$16,017,381
1980	111	\$78,519	\$8,715,584	18	\$73,911	\$1,330,393	40	\$76,897	\$3,075,884	169	\$77,644	\$13,121,861
1981	119	\$115,223	\$13,711,575	15	\$104,965	\$1,574,474	36	\$120,275	\$4,329,917	170	\$115,388	\$19,615,966
1982	116	\$88,969	\$10,320,392	18	\$80,491	\$1,448,836	38	\$96,617	\$3,671,444	172	\$89,771	\$15,440,672
1983	117	\$49,274	\$5,765,067	20	\$47,943	\$958,850	38	\$55,836	\$2,121,774	175	\$50,547	\$8,845,691
1984	116	\$74,411	\$8,631,650	18	\$70,486	\$1,268,749	38	\$82,303	\$3,127,508	172	\$75,744	\$13,027,907
1985	122	\$68,981	\$8,415,677	16	\$83,953	\$1,343,251	34	\$98,751	\$3,357,534	172	\$76,258	\$13,116,461
1986	119	\$177,553	\$21,128,798	25	\$167,905	\$4,197,634	37	\$209,780	\$7,761,857	181	\$182,808	\$33,088,289
1987	119	\$104,147	\$12,393,509	28	\$90,997	\$2,547,925	31	\$131,388	\$4,073,023	178	\$106,823	\$19,014,457
1988	122	\$281,150	\$34,300,275	32	\$322,146	\$10,308,686	37	\$271,929	\$10,061,388	191	\$286,232	\$54,670,348
1989	46	\$387,843	\$17,840,787	16	\$214,451	\$3,431,212	28	\$381,035	\$10,668,981	90	\$354,900	\$31,940,980
1990	123	\$140,575	\$17,290,746	28	\$165,073	\$4,622,045	44	\$149,810	\$6,591,632	195	\$146,177	\$28,504,424
1991	117	\$113,016	\$13,222,917	29	\$101,000	\$2,928,998	47	\$128,242	\$6,027,372	193	\$114,919	\$22,179,287
1992	118	\$85,374	\$10,074,132	21	\$110,732	\$2,325,366	44	\$85,431	\$3,758,971	183	\$88,298	\$16,158,469
1993	108	\$91,437	\$9,875,247	26	\$94,788	\$2,464,475	47	\$82,629	\$3,883,569	181	\$89,631	\$16,223,291
1994	103	\$90,542	\$9,325,826	26	\$103,259	\$2,684,739	44	\$90,162	\$3,967,110	173	\$92,357	\$15,977,675
1995	103	\$133,577	\$13,758,456	25	\$147,044	\$3,676,102	48	\$111,575	\$5,355,600	176	\$129,490	\$22,790,158
1996	93	\$104,881	\$9,753,943	25	\$119,592	\$2,989,793	56	\$85,125	\$4,766,977	174	\$100,636	\$17,510,713
1997	101	\$68,544	\$6,922,948	27	\$84,333	\$2,276,979	55	\$60,763	\$3,341,974	183	\$68,535	\$12,541,901
1998	102	\$99,311	\$10,129,723	24	\$87,905	\$2,109,709	51	\$84,822	\$4,325,912	177	\$93,590	\$16,565,343
1999	107	\$106,370	\$11,381,552	21	\$103,801	\$2,179,831	54	\$85,809	\$4,633,696	182	\$99,973	\$18,195,079
2000	103	\$61,973	\$6,383,242	24	\$57,994	\$1,391,858	59	\$57,869	\$3,414,284	186	\$60,158	\$11,189,384
2001	101	\$52,762	\$5,328,987	21	\$53,768	\$1,129,133	58	\$38,628	\$2,240,437	180	\$48,325	\$8,698,556
2002	63	\$52,605	\$3,314,114	10	\$45,907	\$459,071	21	\$53,550	\$1,124,544	94	\$52,103	\$4,897,729
2003	92	\$60,451	\$5,561,522	17	\$40,620	\$690,538	59	\$46,654	\$2,752,610	168	\$53,599	\$9,004,670
2004	96	\$70,956	\$6,811,742	19	\$61,337	\$1,165,411	61	\$57,967	\$3,536,008	176	\$65,416	\$11,513,161
2005	99	\$72,091	\$7,136,994	22	\$67,976	\$1,495,478	55	\$53,925	\$2,965,853	176	\$65,900	\$11,598,325
2006	90	\$60,956	\$5,486,041	20	\$50,138	\$1,002,751	54	\$37,470	\$2,023,355	164	\$51,903	\$8,512,147
2007	89	\$77,885	\$6,931,782	18	\$54,475	\$980,548	55	\$40,595	\$2,232,737	162	\$62,624	\$10,145,068
2008	90	\$67,145	\$6,043,045	16	\$47,168	\$754,684	47	\$64,316	\$3,022,865	153	\$64,187	\$9,820,594
2009	78	\$76,171	\$5,941,309	17	\$65,134	\$1,107,276	37	\$65,375	\$2,418,883	132	\$71,723	\$9,467,468
2010	78	\$48,959	\$3,818,812	17	\$38,344	\$651,850	38	\$31,238	\$1,187,056	133	\$42,539	\$5,657,718
2011	97	\$45,558	\$4,419,161	18	\$41,135	\$740,423	47	\$35,300	\$1,659,104	162	\$42,091	\$6,818,688
2012	101	\$78,799	\$7,958,737	22	\$65,357	\$1,437,863	44	\$60,249	\$2,650,953	167	\$72,141	\$12,047,552
2013	89	\$94,593	\$8,418,747	16	\$75,368	\$1,205,884	47	\$59,717	\$2,806,709	152	\$81,785	\$12,431,340
2014	87	\$90,289	\$7,855,147	18	\$34,945	\$629,002	44	\$68,151	\$2,998,662	149	\$77,066	\$11,482,811
2015	86	\$46,565	\$4,004,611	20	\$28,549	\$570,988	50	\$30,165	\$1,508,253	156	\$38,999	\$6,083,851
2016	73	\$50,198	\$3,664,435	18	\$26,774	\$481,936	51	\$29,406	\$1,499,721	142	\$39,761	\$5,646,091
2017	81	\$101,189	\$8,196,343	18	\$69,699	\$1,254,584	52	\$61,403	\$3,192,934	151	\$83,734	\$12,643,862
2018	71	\$53,065	\$3,767,609	20	\$35,246	\$704,919	54	\$46,696	\$2,521,557	145	\$48,235	\$6,994,086
2019	78	\$56,392	\$4,398,583	17	\$57,713	\$981,122	57	\$35,744	\$2,037,424	152	\$48,797	\$7,417,128
2020	76	\$40,759	\$3,097,656	15	\$26,645	\$399,677	37	\$31,489	\$1,165,097	128	\$36,425	\$4,662,429
2021	75	\$46,894	\$3,517,041	16	\$42,067	\$673,080	42	\$64,006	\$2,688,259	133	\$51,717	\$6,878,380
2022	75	\$35,932	\$2,694,868	16	\$33,265	\$532,241	47	\$32,757	\$1,539,581	138	\$34,541	\$4,766,690

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Note that these counts are for individuals, not permits.
- Stacked permit operations only count the individual once.

Kodiak Salmon Set Gillnet (S04K)

Table 41. Gross Real Earnings for the Kodiak Salmon Set Gillnet Fishery by ADF&G Salmon District, 1975-2022

Year	Afognak		Northeast		Eastside		Alitak		Southwest		Northwest		Mainland		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
1975	8	\$241,247	0	\$0	0	\$0	45	\$370,059	1 to 3	confidential	72	\$2,360,110	0	\$0	122	\$3,048,232
1976	10	\$626,352	0	\$0	0	\$0	55	\$5,040,880	0	\$0	87	\$6,696,975	0	\$0	148	\$12,364,208
1977	13	\$760,079	1 to 3	confidential	0	\$0	55	\$3,524,266	0	\$0	90	\$9,547,835	0	\$0	147	\$13,832,478
1978	13	\$732,977	0	\$0	0	\$0	61	\$6,755,910	0	\$0	93	\$9,288,807	0	\$0	160	\$16,777,694
1979	13	\$787,449	1 to 3	confidential	1 to 3	confidential	61	\$6,210,248	0	\$0	97	\$8,892,559	0	\$0	164	\$15,893,233
1980	18	\$954,347	0	\$0	0	\$0	64	\$4,048,812	1 to 3	confidential	96	\$7,932,189	0	\$0	168	\$12,940,538
1981	14	\$1,074,389	0	\$0	1 to 3	confidential	64	\$6,930,056	1 to 3	confidential	99	\$11,402,263	0	\$0	169	\$19,409,648
1982	0	\$0	0	\$0	0	\$0	66	\$7,673,251	1 to 3	confidential	107	\$7,759,479	0	\$0	170	\$15,440,672
1983	10	\$164,164	1 to 3	confidential	0	\$0	68	\$4,150,696	1 to 3	confidential	106	\$4,524,761	1 to 3	confidential	174	\$8,844,630
1984	1 to 3	confidential	4	\$46,179	0	\$0	70	\$5,316,032	1 to 3	confidential	105	\$7,662,723	0	\$0	168	\$13,027,907
1985	6	\$19,951	1 to 3	confidential	1 to 3	confidential	74	\$7,435,531	7	\$18,460	102	\$5,594,813	0	\$0	169	\$13,116,461
1986	1 to 3	confidential	1 to 3	confidential	0	\$0	78	\$17,567,992	0	\$0	110	\$15,470,902	0	\$0	174	\$33,088,289
1987	0	\$0	1 to 3	confidential	0	\$0	73	\$9,520,867	1 to 3	confidential	102	\$9,268,437	0	\$0	173	\$19,014,457
1988	1 to 3	confidential	0	\$0	0	\$0	80	\$25,745,187	3	\$52,176	104	\$28,865,668	0	\$0	179	\$54,670,348
1989	0	\$0	0	\$0	0	\$0	87	\$31,940,980	0	\$0	0	\$0	0	\$0	87	\$31,940,980
1990	0	\$0	0	\$0	0	\$0	90	\$13,545,433	0	\$0	105	\$14,958,990	0	\$0	184	\$28,504,424
1991	0	\$0	0	\$0	0	\$0	86	\$12,495,385	0	\$0	101	\$9,683,902	0	\$0	185	\$22,179,287
1992	0	\$0	0	\$0	0	\$0	79	\$4,845,388	0	\$0	103	\$11,313,081	0	\$0	178	\$16,158,469
1993	0	\$0	0	\$0	0	\$0	76	\$4,908,827	0	\$0	102	\$11,314,463	0	\$0	176	\$16,223,291
1994	0	\$0	0	\$0	0	\$0	74	\$6,938,309	0	\$0	98	\$9,039,366	0	\$0	169	\$15,977,675
1995	0	\$0	0	\$0	0	\$0	75	\$8,959,651	0	\$0	99	\$13,830,507	0	\$0	173	\$22,790,158
1996	0	\$0	0	\$0	0	\$0	80	\$8,093,210	0	\$0	94	\$9,417,503	0	\$0	172	\$17,510,713
1997	0	\$0	0	\$0	0	\$0	78	\$4,260,191	0	\$0	98	\$8,281,710	0	\$0	174	\$12,541,901
1998	0	\$0	0	\$0	0	\$0	77	\$7,045,266	0	\$0	96	\$9,520,077	0	\$0	171	\$16,565,343
1999	0	\$0	0	\$0	0	\$0	76	\$4,927,179	0	\$0	101	\$13,267,900	0	\$0	173	\$18,195,079
2000	0	\$0	0	\$0	0	\$0	76	\$2,969,224	0	\$0	98	\$8,220,160	0	\$0	172	\$11,189,384
2001	0	\$0	0	\$0	0	\$0	77	\$2,150,220	0	\$0	96	\$6,548,337	0	\$0	172	\$8,698,556
2002	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	93	\$4,897,729	0	\$0	93	\$4,897,729
2003	0	\$0	0	\$0	0	\$0	65	\$1,307,219	0	\$0	96	\$7,697,452	0	\$0	161	\$9,004,670
2004	0	\$0	0	\$0	0	\$0	71	\$3,984,701	0	\$0	93	\$7,528,461	0	\$0	164	\$11,513,161
2005	0	\$0	0	\$0	0	\$0	72	\$3,476,371	0	\$0	93	\$8,121,954	0	\$0	165	\$11,598,325
2006	0	\$0	0	\$0	0	\$0	60	\$590,122	0	\$0	93	\$7,922,025	0	\$0	153	\$8,512,147
2007	0	\$0	0	\$0	0	\$0	58	\$688,157	0	\$0	99	\$9,456,910	0	\$0	157	\$10,145,068
2008	0	\$0	0	\$0	0	\$0	61	\$4,415,822	0	\$0	87	\$5,404,772	0	\$0	148	\$9,820,594
2009	0	\$0	0	\$0	0	\$0	54	\$3,856,215	0	\$0	78	\$5,611,253	0	\$0	132	\$9,467,468
2010	0	\$0	0	\$0	0	\$0	67	\$1,117,189	0	\$0	92	\$4,540,529	0	\$0	158	\$5,657,718
2011	0	\$0	0	\$0	0	\$0	66	\$2,264,166	0	\$0	91	\$4,554,522	0	\$0	157	\$6,818,688
2012	0	\$0	0	\$0	0	\$0	65	\$2,520,878	0	\$0	99	\$9,526,674	0	\$0	164	\$12,047,552
2013	0	\$0	0	\$0	0	\$0	58	\$1,925,438	0	\$0	95	\$10,505,902	0	\$0	152	\$12,431,340
2014	0	\$0	0	\$0	0	\$0	49	\$1,776,971	0	\$0	97	\$9,705,840	0	\$0	146	\$11,482,811
2015	0	\$0	0	\$0	0	\$0	59	\$944,901	0	\$0	95	\$5,138,951	0	\$0	154	\$6,083,851
2016	0	\$0	0	\$0	0	\$0	53	\$853,294	0	\$0	84	\$4,792,798	0	\$0	137	\$5,646,091

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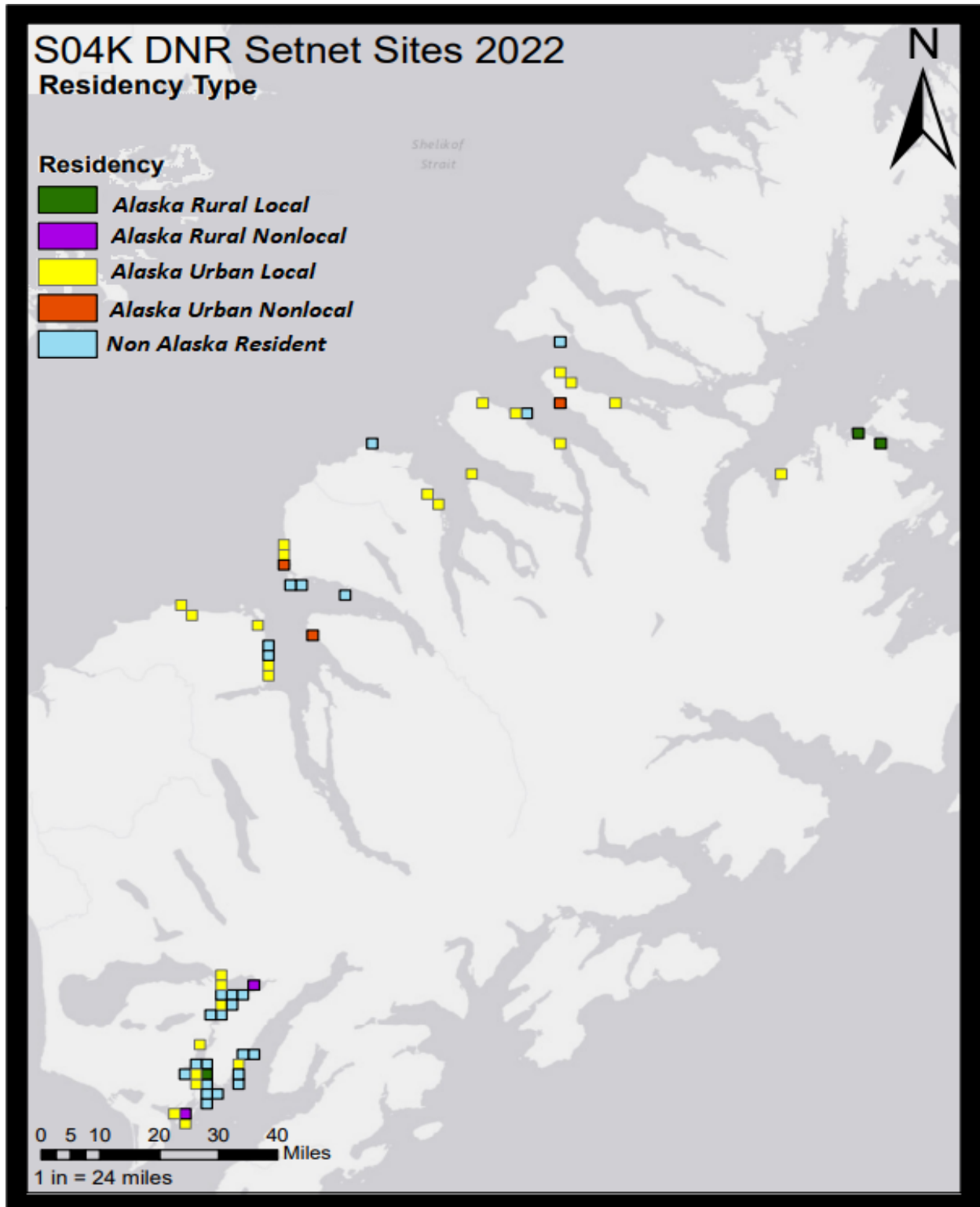
Kodiak Salmon Set Gillnet (S04K)

Table 41. Gross Real Earnings for the Kodiak Salmon Set Gillnet Fishery by ADF&G Salmon District, 1975-2022

Year	Afognak		Northeast		Eastside		Alitak		Southwest		Northwest		Mainland		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
2017	0	\$0	0	\$0	0	\$0	50	\$1,729,580	0	\$0	93	\$10,914,281	0	\$0	143	\$12,643,862
2018	0	\$0	0	\$0	0	\$0	43	\$2,405,758	0	\$0	97	\$4,588,328	0	\$0	140	\$6,994,086
2019	0	\$0	0	\$0	0	\$0	51	\$1,564,258	0	\$0	98	\$5,852,870	0	\$0	149	\$7,417,128
2020	0	\$0	0	\$0	0	\$0	41	\$1,331,879	0	\$0	85	\$3,330,551	0	\$0	126	\$4,662,429
2021	0	\$0	0	\$0	0	\$0	45	\$3,045,297	0	\$0	85	\$3,833,083	0	\$0	130	\$6,878,380
2022	0	\$0	0	\$0	0	\$0	55	\$1,285,690	0	\$0	82	\$3,481,000	0	\$0	137	\$4,766,690

- Adjusted for inflation to 2023 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Some Permits are used to record landings in more than one district.
- Both permits used in stacked permit operations are counted in this table even if landings documented on only one permit.

Appendix A. DNR Shore Fishery Lease



As of June 2023.

Appendix B. Kodiak Stacked Permit and Joint Venture Regulations

First Season In Effect	Basic Regulation	Identification	Regulations
2008, 2009, 2010	<p>Permit holders may own and fish 2 permits simultaneously. Their allowable gear doubles from 2 nets and 150 fathoms to 4 nets and 300 fathoms.</p> <p>Board of Fisheries allowed stacked permit regulation to sunset the end of 2010.</p>	<p>In 2008 persons who fished 2 permits were issued 2 permit cards: a standard card and a white-colored (non-functioning) card. In 2009, the non-functioning card was yellow-colored. In 2010, persons were issued 2 standard cards, and either could be used to record a landing.</p>	<p>5 AAC 18.331</p>
1985 to present	<p>Two permit holders may fish in a joint venture; the operation's total allowable gear increases from 2 nets and 150 fathoms to 3 nets and to 300 fathoms.</p>	<p>Gillnet buoys must be marked with both permit numbers when the operation fishes 2 permits.</p>	<p>5 AAC 18.331 (e)</p>

Appendix C. Salmon Statistical Areas and Kodiak Salmon Districts

Below is a list of all the salmon statistical areas used to group landings by permit holders into Kodiak districts. Note that the list includes historical districts that are no longer in use. Salmon statistical areas were used as reported on ADF&G fish tickets. If you feel that any of the salmon statistical areas were incorrectly attributed to a Kodiak district, please contact the CFEC Research Unit.

Afognak District

251-10, 251-11, 251-12, 251-20, 251-22, 251-30, 251-40, 251-41, 251-50, 251-60, 251-70, 251-81, 251-82, 251-83, 251-84, 251-85, 251-90, 252-10, 252-20, 252-30, 252-31, 252-32, 252-33, 252-34, 252-35, 252-38

Northeast Kodiak District

259-10, 259-21, 259-22, 259-23, 259-24, 259-25, 259-26, 259-27

Eastside Kodiak District

258-10, 258-20, 258-25, 258-30, 258-40, 258-51, 258-52, 258-53, 258-54, 258-55, 258-60, 258-70, 258-80, 258-85, 258-90, 259-40, 259-41, 259-42, 259-43, 259-44, 259-45, 259-46

Alitak Bay District

257-10, 257-20, 257-30, 257-40, 257-41, 257-42, 257-43, 257-50, 257-60, 257-70, 257-80

Southwest Kodiak District

255-10, 255-20, 256-10, 256-15, 256-20, 256-25, 256-30, 256-40

Northwest Kodiak District

252-36, 252-37, 252-39, 253-11, 253-12, 253-13, 253-14, 253-31, 253-32, 253-33, 253-34, 253-35, 254-10, 254-20, 254-21, 254-30, 254-31, 254-40, 254-41, 254-50, 259-30, 259-31, 259-32, 259-33, 259-34, 259-35, 259-36, 259-37, 259-38, 259-39

Mainland District

262-10, 262-15, 262-20, 262-25, 262-27, 262-30, 262-35, 262-40, 262-45, 262-50, 262-55, 262-60, 262-65, 262-70, 262-75, 262-80, 262-85, 262-90, 262-95